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A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
90° ON THE 23D AT LUALUALEI 804, HAWAII

LOWEST TEMPERATURE:
28° ON THE 30TH AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
17.32 INCHES AT PAAKEA 350, MAUI

LEAST TOTAL PRECIPITATION:
.00 AT MAUNA KEA OBS 111.2, HAWAII

GREATEST ONE DAY PRECIPITATION:
4.70 INCHES ON THE 27TH AT KUKAIAU 222, HAWAII

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1973

H A W A I I - J A N U A R Y 1 9 7 3

SPECIAL WEATHER SUMMARY

It was a placid January, even for Hawaii. Winter rainstorms remained conspicuous by their absence, warm, nearly cloudless days, were unusually frequent, and dry weather clung so tenaciously to most of the State that the word "drought" began to be used with increasing frequency.

The month opened with a brief cool spell, as a number of communities reported their lowest New Year's Day and January 2 temperatures of record. As the days progressed, the persistent lack of rain began to be widely felt. In some localities dependent on roof catchment for household water, tanks were running dry. On the 16th, Hawaii Island declared a drought emergency in residential areas of Waiakea-Uka and Puna, an action which permitted the County's Civil Defense Agency to haul water to affected homes at reduced rates. By the end of the month, water was being delivered to 114 of them.

Reservoirs, too, were drying up in a season when they ordinarily fill with winter rains for use in the dry late spring and summer months. On Oahu, the Wahiawa Reservoir, irrigation source for the Waialua Sugar Company, held only about 10 feet of water -- 35 feet below its normal wintertime level.

Kauai was facing possible drought, with sugar plantations expressing increasing concern at the absence of winter rains to replenish ground water and reservoirs ranging from less than half filled to empty.

Pastures were in poor to fair condition, being worst in the Kau, North Kona, and South Kohala areas of Hawaii Island and the western sections of Kauai and Maui.

Even the volcano was accused of contributing to agriculture's ills, with fumes and acidic water from eruptions in the Kilauea Volcano area alleged to be damaging tomato crops in the Kau and Kona Districts.

Rain gage totals for the month reflected the persistent dry weather. On Kauai, Oahu, and Lanai not a single reporting gage reached its average rainfall for January, with the overwhelming majority registering less than half and many less than one-fourth that value. All of Molokai, except at the highest elevations, and all of Maui, except the windward eastern slopes, were similarly dry. On Hawaii Island, only the Kohala and Hamakua coasts approached or slightly exceeded their January means -- a brief respite from that area's chronic deficiency -- but virtually everywhere else most gages read well below half and in many places below one-fourth their monthly average.

For a few stations, this was the driest January of record.

Stations With Less Rain in January 1973 than in Any Previous January

(15 years of record or more, only)

Station	Length of Period (Yrs.)	Previous Least January Total (Inches)	Jan. 1973 (Inches)
OAHU			
Beretania Pumping Station	15	1.97	1.08
Coconut Island	16	1.76	1.06
Kailua Fire Station	15	1.08	0.08
Punchbowl Crater	23	1.40	1.06
HAWAII			
Kamaoa 2	19	1.72	1.07

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P A C I F I C - J A N U A R Y 1 9 7 3

SPECIAL WEATHER SUMMARY

January's major weather events in the Pacific area included a damaging Southern Hemisphere tropical cyclone and a deepening drought over the western islands of the Trust Territory.

On the 30th of December 1972, ELENORE formed in a low pressure area about 180 miles northwest of Samoa, and then moved south-southeastward to southeast of Tonga, where it faded away on January 5.

Although ELENORE never attained full hurricane strength, its winds and waves appear to have been felt over an extraordinarily broad region, encompassing the Phoenix, Samoa, Cook, and Tuamotu Islands. High spring tides were believed also to have contributed to the unusually large waves widely observed in the area. Even the few scattered reports available to this office testify to the uncommonly widespread effects of this tropical cyclone and of the squalls and lesser storms to which it apparently gave rise.

As ELENORE passed to the southwest of Samoa on the 1st, the northern shores bore the brunt of winds and waves reaching the islands from the northwest through northeast. On Tutuila, American Samoa, the seawall and boat ramp at Fagasa were damaged and about 800 feet of roadway washed out. At Pago Pago Airport on that island's southeastern coast, northerly winds funnelling through mountain passes gusted to 93 m.p.h., with frequent gusts to 70 m.p.h.; and sea-level pressures dropped to 29.26 inches. About half of Tutuila's crops were damaged and some 60 percent of the banana trees, and many papaya and breadfruit trees, blown down. A Cessna 150, the only privately owned aircraft on the island, was flipped over and a Royal Australian Air Force C-130 damaged. Repair costs to government facilities alone were estimated at $200,000.

On Ta'u Island, about 70 miles east of Tutuila, high waves swept over the seawall at Faleasao and damaged the powerhouse area. Crops were washed out or blown down.

Incomplete reports suggest extensive wind damage to banana plantations on Upolu and Savai'i in Western Samoa. High waves on the 1st scoured northern coasts unprotected by offshore reefs and washed out part of the road between Apia and the Airport.

On the same afternoon, high waves swept completely across one end of Swains Island, bowling over trees and washing out the old beach, the weather shack, a few homes, and the dispensary, and damaging a school. However, no one was injured or killed.

Near midnight of the 1st, Pukapuka, in the northern Cook Islands, reported seas 5 to 6 feet above normal and gusts 45 m.p.h.

On the afternoon of the 3d, Hull Island, in the Phoenix group, reported palm trees bent a third over by winds that came from the west-northwest at 70 m.p.h., with gusts to 80, and later shifted to southwesterly at 55 m.p.h. Seas breaking to 18 feet in height covered the entire island with spray.

Early on the 5th, 12- to 18-foot waves from the north destroyed two small bridges in the northern part of Rangiroa in the Tuamotus, about 1,500 miles east of Samoa. At about the same time, Aitutaki Atoll in the southern Cook Islands experienced unusually high tides.

For Pago Pago Airport, it was the wettest January in 14 years of record, with both the monthly total (22.14 inches) and the 24-hour maximum (8.74 inches on the 29th to 30th) well over

the previous January extremes of 17.95 inches and 5.76 inches, respectively. The fastest mile, 57 m.p.h. from the northeast, was the greatest in any month in 7 years of record.

In the Western Pacific, the pronounced dry spell, which in some areas had begun to make itself felt in October 1972, continued unabated through January. Lack of rainfall and of adequate storage facilities worked together to produce acute water shortages in some localities. Rationing remained in effect at Ponape and Truk, while at Yap, where the community reservoir was nearly dry, water consumption was restricted to 2 hours in the morning, 1 at noon, and 1 in the evening.

Percent of Normal January Rainfall and Stations with Less Rain in January 1973 than in Any Previous January

Station	Length of Record (Yrs.)	Previous Least January Total (Inches)	January 1973 (Inches)	January 1973 Percent of Normal
Koror	24	4.74	2.11	18
Kwajalein	29	0.82	0.52	14
Majuro	19	1.07	0.78	11
Ponape	23	3.59	3.31	30
Yap	25	2.37	2.14	28
Guam	17		2.10	45
Johnston	18		0.82	21
Truk	24		1.36	16

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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation								
										No. of Days								Snow, Sleet					
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	1.0 or More	5.0 or More	10.0 or More
HAWAII																							
* * *																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A														1.71	- 5.01			.0	0			0
KANALOHULUHULU 1075		64.4	45.2	54.8		71	16	38	20+		0	0	0	0	3.13		1.55	8	.0	0		8	1	1
KAPAA STABLES 1104	A														1.02				.0	0			0	0
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		77.7M	65.6M	71.7M		81	11+	60	1		0	0	0	0	3.05		.76	9	.0	0		11	2	0
KOLOA 936	A														3.60	- 3.31			.0	0				
LIHUE WSO 1020.1 AP	//R	77.9	63.9	70.9	.0	81	25	55	1		0	0	0	0	1.03	- 4.48	.34	6	.0	0		3	0	0
MANA 1026		79.8	58.7	69.3	- 1.8	84	27+	45	1		0	0	0	0	.74	- 3.32	.74	6	.0	0		1	1	0
N WAILUA DITCH 1051	A														6.14				.0	0				
PH WAININHA 1115															7.45	- 2.78	1.40	7	.0	0		13	6	3
PUEHU RIDGE 1040															1.36		1.28	6	.0	0		1	1	1
WAHIAWA 930	A														1.70	- 3.33			.0	0				0
WAIAHI LOWER 1054		75.7M	58.5M	67.1M		80	12	48	1		0	0	0	0	5.47		2.10	7	.0	0				1
WAIMEA 947															.87	- 2.81	.87	6	.0	0		1	1	0
ISLAND				66.8											2.87				.0					
* * *																								
ISLAND OF OAHU																								
HONOLULU OBSERV 702.2															.74		.47	7	.0	0		2	0	0
HONOLULU WSO 703 AP	R	80.8	65.0	72.9	.4	85	3	55	1		0	0	0	0	.67	- 3.09	.61	6	.0	0		1	1	0
KAHUKU 912	A	79.4M	67.4M	73.4M	2.0	83	8	62	1		0	0	0	0	1.81	- 3.33			.0	0				0
KANEOHE MAUKA 781		76.8M	65.7M	71.3M	- .2	80	20+	60	2		0	0	0	0	2.64	- 4.66	1.49	7	.0	0		6	1	1
KOOLAU DAM 833	A														2.75	- 5.04	.46	6+	.0	0		10	0	0
LUALUALEI 804	A	81.9	60.4	71.2		90	23	52	4		1	0	0	0	.30		.25	9	.0	0		1	0	0
MAKAPUU POINT 724		74.6M	65.6M	70.1M		78	22+	54	2		0	0	0	0	.99	- 2.60	.60	7	.0	0		1	1	0
NUUANU RES 4 783															2.42	- 8.39	1.20	6	.0	0		6	1	1
OPAEULA 870	A	76.5	60.1	68.3	1.5	82	4	48	16		0	0	0	0	1.50	- 5.23			.0	0				
PALOLO VALLEY 718	R														4.02	- 6.90	1.60	6	.0	0		8	3	1
PRI WAHIAWA 820.2	A	75.8	58.8	67.3		83	3	51	3		0	0	0	0	1.49				.0	0				0
WAHIAWA DAM 863	A														.99				.0	0			0	0
WAIAHOLE 837	A														3.09	- 9.30			.0	0				
WAIALEE 896.3		77.5	65.6	71.6		84	20	58	2		0	0	0	0	2.26		.81	1	.0	0		5	2	0
WAIALUA 847	A	78.2	60.2	69.2	- 1.3	83	20+	56	17+		0	0	0	0	1.63	- 2.47			.0	0				0
WAIKIKI 717.2		80.9M	63.3M	72.1M		89	24	52	1		0	0	0	0	.68		.38	7	.0	0		2	0	0
WAIMANALO EXP FARM		77.2	64.7	71.0		80	20+	53	1		0	0	0	0	2.11		1.32	7	.0	0		4	1	1
WAIPAHU 750	A														.74	- 3.42			.0	0			0	0
ISLAND				70.8											1.71				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														2.33	- 1.81			.0	0				
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														1.50	- 2.77			.0	0				0
MOLOKAI AP 524		76.8	64.1	70.5		85	4	54	1		0	0	0	0	1.40		.58	7	.0	0		5	1	0
ISLAND				70.5											1.74				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	M	M	M		77	11+	52	3		0	0	0	0	1.43	- 3.19			.0	0				
ISLAND															1.43				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														6.64	- .76	1.95	28	.0	0		9	4	2
HALEAKALA RS 338		62.7	41.5	52.1		78	5	35	31+		0	0	0	0	1.05		.35	1	.0	0		5	0	0
HANA AIRPORT 355		77.8M	64.8M	71.3M		80	27+	59	14		0	0	0	0			1.48	7	.0	0			2	1
HONOKOHUA 493	A														3.52	- .54			.0	0				
KAANAPALI AIRPORT		77.9	64.2	71.1		81	25	59	1		0	0	0	0	1.69		.53	7	.0	0		4	2	0
KAHULUI WSO 398 AP	R	78.3	61.5	69.9	- 2.2	84	3	56	22+		0	0	0	0	2.14	- 1.00	.59	27	.0	0		5	2	0
KAILUA 446		74.0	61.8	67.9	- .5	77	7+	58	22		0	0	0	0	11.53	2.99	3.10	7	.0	0		13	7	5
KEANAE 346	A														19.10	3.87			.0	0				
KIPAHULU 258															4.13	- 5.81	.91	9	.0	0		14	2	0
KULA SANATORIUM 267		69.8	53.3	61.6	.2	76	3	49	25+		0	0	0	0	1.85	- 2.77	1.31	1	.0	0		3	1	1
LAHAINA 361		83.6	60.7	72.2		86	19	57	1		0	0	0	0	.65	- 2.14	.49	1	.0	0		2	0	0
PAIA 406															3.84	- .03	.99	28	.0	0				0
WAILUKU 386	A	M	M	M		82	8	57	4		0	0	0	0	2.48	- 1.31			.0	0				
ISLAND				66.6											4.89				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		76.2	63.0	69.6	.1	82	6	56	22		0	0	0	0	6.44	1.38	3.62	28	.0	0		9	2	1
HAWAII VOLCNS NP HQ 54		65.6	50.6	58.1	.0	73	7	47	21+		0	0	0	0	2.80	- 9.42	.50	20	.0	0		7	1	0
HILO WSO 87 AP	R	80.3	64.1	72.2	1.4	86	6	60	15		0	0	0	0	3.45	- 8.37	.64	30	.0	0		10	2	0
HUEHUE 92.1	A														.77	- 3.36	.48	8	.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation								
										No. of Days									Snow, Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		76.0	58.6	67.3		78	13+	56	22		0	0	0	0	4.04	.08	2.79	10	.0	0		3	2	1
KEAAU 92		78.2	62.1	70.2	- .1	83	7	59	6		0	0	0	0	3.30	- 9.26	.72	29	.0	0		11	1	0
KEALAKEKUA 26.2		77.0M	59.6M	68.3M		80	31+	56	22		0	0	0	0	1.51		.85	1	.0	0		3	1	0
KONA (KAILUA) 68.3	A	83.2M	66.7M	75.0M		89	19+	64	31+		0	0	0	0	.38				.0	0			0	0
KUKUIHAELE HIC 199															6.72	.59	2.16	28	.0	0		12	3	2
KULANI CAMP 79		62.6	43.2	52.9		70	27	35	21		0	0	0	0	2.52		.80	28	.0	0		8	1	0
PAHALA 21	A	M	M	M		83	29	56	16		0	0	0	0	.33	- 7.70			.0	0			0	0
POHAKULOA 107	A														.27				.0	0			0	0
PUAKO 95.1	A	81.1	64.7	72.9		84	27+	61	22+		0	0	0	0	.40		.23	1	.0	0		2	0	0
PUU WAAWAA 94.1	A														1.31	- 1.92	.55	10	.0	0				0
UMIKOA 118															4.12	- 3.04			.0	0				
WAIAKEA SCD 88.2															10.35		3.13	29	.0	0		14	3	3
ISLAND				67.4											3.04				.0					

See Reference Notes Following Station Index

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1973

Station		Temperature													Precipitation								
										No. of Days									Snow Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
PACIFIC																								
* * *																								
EAST OF 180TH MERIDIAN																								
CANTON ISLAND	R	88.6	76.7	82.7	- .4	94	20+	70	6		14	0	0	0	20.72	18.11	3.23	30	.0	0		21	12	6
FAGA ALU RESERVOIR															26.01		4.20	26	.0	0		21	15	10
JOHNSTON WSO AP	R	78.6	72.3	75.5	- 1.6	81	26	69	5+		0	0	0	0	.82	- 3.07	.22	28	.0	0		3	0	0
LEONE		89.5M	74.4M	82.0M		93	18	70	6			0	0	0	21.34		3.20	1	.0	0				
FRENCH FRIGATE SHOALS		75.9M	64.8M	70.4M				58	14		0	0	0	0	3.84		2.12	5	.0	0		3	2	2
LUMA VILLAGE															33.72		5.04	29	.0	0				
MIDWAY SAND ISLAND		70.0	60.5	65.3		75	31+	52	9		0	0	0	0	2.69		.81	17	.0	0		9	1	0
PAGO PAGO WSO AP	R	86.4	76.8	81.6		90	25	70	5		1	0	0	0	22.14		6.00	30	.0	0		20	11	6
SWAINS ISLAND																			.0	0				
* * *																								
WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		82.3	75.0	78.7		85	8	73	14		0	0	0	0	1.51		.27	8	.0	0		6	0	0
CLARK AFB LUZON		88.0	70.7	79.4		91	18+	64	7		16	0	0	0	.09		.04	5	.0	0		0	0	0
GUAM NAS		84.4	70.8	77.6		89	25	67	29		0	0	0	0	1.15		.30	29	.0	0		3	0	0
GUAM WSO	R	83.4	67.5	75.5	- 2.7	86	12	58	29		0	0	0	0	2.10	- 2.53	1.06	26	.0	0		5	1	1
MANGILAO															1.78		.40	4	.0	0		6	0	0
ROTA															6.44		.78	15	.0	0		24	2	0
SAIPAN USCG LORAN		86.4M	70.8M	78.6M		88	28+	63	28		0	0	0	0			.23	15	.0	0		2	0	0
WAKE WSO AP	R	81.6	71.4	76.5	- .9	84	29+	68	11+		0	0	0	0	2.17	1.03	.81	26	.0	0		6	2	0
* * *																								
CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															1.61		.55	20	.0	0		5	1	0
ENIWETOK		83.7	75.5	79.6	- 1.6	86	27+	69	8		0	0	0	0	.56	- .46	.12	26	.0	0		1	0	0
FALALOP I, ULITHI		86.2	76.7	81.5		88	25+	69	1		0	0	0	0	.88		.23	2	.0	0		3	0	0
KAPINGAMARANGI ATOLL		87.9	76.5	82.2		91	27	70	19		7	0	0	0	6.78		2.05	19	.0	0		12	2	2
KOROR WSO	R	87.7	74.7	81.2	.9	90	19	72	29		1	0	0	0	2.11	- 9.62	.76	20	.0	0		5	2	0
KWAJALEIN WSO AP	R	85.7	76.5	81.1	1.0	88	30	72	6		0	0	0	0	.52	- 3.09	.22	16	.0	0		1	0	0
LELE I, KUSAIE		86.0	72.4	79.2		88	29+	68	24		0	0	0	0	3.51		.75	14	.0	0		9	3	0
MAJURO WSO AP	R	84.4	77.3	80.9	.7	86	30+	74	6		0	0	0	0	.78	- 6.20	.25	31	.0	0		3	0	0
METALANIM		86.5	75.5	81.0		89	18	64	31		0	0	0	0	3.13		.71	4	.0	0		10	1	0
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															3.63		2.23	22	.0	0				1
PONAPE WSO	R	86.4	75.5	81.0	.5	89	31+	69	31+		0	0	0	0	3.31	- 7.76	.81	31	.0	0		8	2	0
SATAWAN ATOLL															6.14		2.13	10	.0	0		8	4	2
TRUK, MOEN I, WSO AP	R	85.5	77.6	81.6	.9	86	29+	75	9+		0	0	0	0	1.36	- 7.04	.42	5	.0	0		4	0	0
WOLEAI ATOLL		87.5	74.9	81.2		89	27+	73	29+		0	0	0	0	.80		.25	19	.0	0		4	0	0
YAP WSO AP	R	86.0	73.3	79.7	- .8	87	29+	69	29		0	0	0	0	2.14	- 5.73	.42	10+	.0	0		8	0	0

See Reference Notes Following Station Index

DAILY PRECIPITATION

HAWAII AND PACIFIC
JANUARY 1973

Station		Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																																
[illegible]																																
[illegible]																																
[illegible] A 1116	A	.71	•	•	.2			•	•	.55		.09			•	•	.04	-		.05	•	•	.03	.16	.07	.10	.05	•	•	.25	.25		
[illegible]	A	.04	•	•	.66	T	-	•	•	.47	T									.04	•	•	.07	.09	.14	.01		•	•	.45	.38	.09	
[illegible]	A	.03	•	•	.15			•	•	1.23										.04	•	•	.30	.13	.14	.01	.02	•	•	.54	.39	.08	
[illegible]	A	.14	•	•	.15		.01	•	•	.84													T		.09	T		•	•	.12	.13	.01	
[illegible]	A	.44						•	•	.50		.07		•	•	.03				.05				.2	.10	.40	.03	•	•	.24	.21		
[illegible]	A	.13	•	•	.44			•	•	.17	.03		.02							.09	•	•	.06	.26	.16	.11	.02	•	•	.59	.33	.18	
[illegible]		.13						.14																						.04		
[illegible]	A	.13	•	•	.07	.07		•	•	.70	.07									.02	•	•	.95	.17	.20	.16	.10	•	•	1.01	.90	.10	
INTAKE WAINIHA PC 1086	A	.1	•	•	•	•	•	•	•	•	•	1.40	•	•	•	•	.11	•	•	•	•	.15	•	•	.80	•	•	3.60	•	•	•	
[illegible]		3.1	.10	.02	.16			.55	.08	.01		.12	.02	.03	.2							.01		.03	.05	.02	.06	.02			.8	.10	.22	.07	.01
[illegible]	A	.40	•	•	.44	.01		•	•	.38		.15	.03		•	•	.10			.11	•	•	.07	.27	.10	.10	.13	•	•	.45	.40		
KAPAA STABLES 1104	A	.12	•	•	.04			•	•	.10										.10				.12	.10	.06	.04	•	•	.30	.09		
[illegible]	A	.04						•	•	.36		.05			•	•	.02			.04	•	•	.02	.11	.10	.10	.05	•	•	.20	.10		
[illegible]		.04						.19																								
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]	A	-	-	-	-	-	-	.43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILAUEA POINT 1133		3.01		.49			.61	.13			.76			.06					.01	.13	.09			.10	.33	.03	.12	.27	.02	.11	.16		.03
[illegible]		1.61	.5		.1			.15																								
[illegible]	A	3.80	•	•	.91			•	•	1.45										.07	•	•	.60	.16	.17	.06	.08	•	•	.68	.34	.08	
[illegible]	A	4.54	•	•	.95	.01	.01	•	•	1.24	.03		.03							.32	•	•	.5	.21	.24	.09	.06	•	•	.68	.59	.16	
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]	A	1.44	•	•	.16			•	•	.47										.16	•	•	.45	.06	.10	.02	.02	•	•	.23	.18	.01	
[illegible]	A	1.47	•	•	.08			•	•	.33										.06	•	•	.03	.18	.17	.08	.05	•	•	.60	.40	.05	
[illegible]	A	.9	•	•	.02			•	•	.44										.06					.12	.05	.03	•	•	.30	.24	.02	
[illegible]	H	1.03		T	.2		.1	.34											.09				T	T	.09	.01	.08	T	.1	.05	.06	.08	
[illegible]		.15	.3	.01			.89													.03				.02	.04	.01	.02	.10	.06	.10	.10	.14	
[illegible]	A	.97				.7	.01															.01	.01							.03		.10	
[illegible]		.74					.74																									
[illegible]	A	1.20			.09		.2	1.34						.09								.09	.09	.09		.7	.52	.35	.1	.26	.09		
[illegible]	A	1.29	•	•	.40			•	•	.55		.41	.14		•	.03					•	•	.04		.11	.22	.27	•	•	.29	.23		
[illegible]	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]		.01					.81																									
[illegible]	A	6.14	•	•	.05			•	•	.79			.10		•	•	.16			.16	•	•	1.30	.36	.40	.20	.25	•	•	1.26	.86	.26	
[illegible]		7.44	1.38	.01	T			.80	1.40			.72	.02		.10							.04	.02	.21	.15	.5	.37	1.13	.17	.51	.39	.08	
[illegible]	L	7.41	•	•	.93			.85	•	•	.20	.54	.02		.03					.10	•	•	.12	.21	.09	.19	.22	•	•	.75	.04		
[illegible]		.15					.28																	.08								
PUMI 1013	A	1.30	•	•	.14			•	•	.64										.16	•	•	.15	.06	.15	.11	.10	•	•	.45	.33	.03	
[illegible]	A	2.91	•	•	.10			•	•	.97	.02	.01	.03							.1	•	•	.08	.23	.13	.2	.04	•	•	.51	.47	.09	
[illegible]	A	1.70	•	•	.2		.06	•	•	.77											•	•	.04	.04	.09	T		•	•	.22	.23	.02	
[illegible]	A	7.76	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	7.75
[illegible]		5.47				.4		2.10														.99		.27	.18	.12		•	•	.93	.68	.10	
WAIAMI UPPER 1052		3.98	.06		.05	.03	.03	.25	.58											.08		.91		.8	.15	.13	.01	.30	.40	.20	.58	.07	
[illegible]		.80						.80																								
[illegible]	A	1.29	•	•	.3			•	•	.36										.07	•	•	.03	.05	.21	.09		•	•	.25	.20		
[illegible]		.87						.87																								
[illegible]	A	2.29	•	•	.05			•	•	.85	.02									.02	•	•	.41	.12	.3			•	•	.41	.27	.01	
[illegible]																																
[illegible]																																
[illegible]																																
[illegible]		.28	.16				.03	.53	T														T	•	•	•	•	.12	.16	.09	.03	.05
[illegible]		.56	.45	T			•	.04																				.05	T		T	
[illegible]	A	1.29	•	•	.47	•	•	•	•	.87	.06			•	•	.03											•	•	•	.05	•	.04	
[illegible]		.40	.53		.06		.02	.07	.38	.23									.10			.02					.04	.03	.04		.06	.02	
[illegible]		.20	.18			.05	.01	.29	.09					.02					.02	.07		.04		.03				.06	.04		.07	.06	
[illegible]																																
[illegible]		.04							.39																					.08		.04	
[illegible]	A	.68	•	•	•	•	•	•	.78	.24													.06	.02		T	T	•	•	.52	.02	.06	
[illegible]	A	.99	•	•	•	•	•	•	.82	•	•	•	•	•	•	.03	•	•	•	•	•	•	•	•	•	•	•	•	•	.13	•	•	
[illegible]		.74	.40					.47																				.05			.02	
[illegible]	R	.67					.61	T	T										T	T				T	T		T	.24	.02	T	T	T	
[illegible]		.69				.05	.40			.02															.02			.13	.02	.01	.01	.03	
M S P A EXP STA 707		.03						.57																.01	.03		T	.18	.14	.19	.03	.08	
[illegible]		2.20			.02		.40	1.20		.01						.17								.01	.01			.14		.01	.02	.01	
[illegible]	A	.69	•	•	.9	•	•	•	•	•	.74	•	•	•	•	•	.18	•	•	•	•	•	.87	•	•	•	•	•	•	.98	•	•	
[illegible]	A	.81	.51					•	•	.75	.15	•	•	•	•	•	.08						.11								.15	.05	
[illegible]		.08	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.02	.01	.05	T
[illegible]	H	.84	.02				1.86	.44	.02			.02									.12	.04		.02	.04	.02	.66	.26	.16	.04	.16	.06	
[illegible]		.05	.05	.01	.01			1.49	.14		.01	.01										.06		.02	.02	.01	.01	.2	.1	.14	.08	.12	
[illegible]		.47	•	•	.4			•	•	.63																		•	•	•	.52	.46	
[illegible]	A	.11	•	•	•	•	•	•	•	3.92	.03	T	•	•	•	.02	•	•	•	•	•	•	•	.04		T	•	•	•	.10	T	.06	
KAWAI IKI INTAKE 880.2	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
[illegible]	A	.03	•	•	•	•	•	•	.46	.10	.02			.1	.02													.1	•	.28	T	.01	
KOOLAU DAM 833	A	0.75	.30			.45	.46	.11	.24													.03		.03				.16	.36	.19	.13	.39	
[illegible]	A	.3							.25	.25																						
[illegible]	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
[illegible]	A	.44	.47				T	T	.92	T																		T				.01	
[illegible]	A	.49	.14					.26		.24																						
[illegible]		.14					.08		.90	.07	.08			.04										.04					.04	.01		.03	
[illegible]	A	.43	.15	.01	•	•	•	•	.64	•	•	•	•	•	•	•	•	•	•	•	•	•	.04	.04	•	•	.39	.35	.23	.20		
[illegible]	A	.54	.12	.02				.44	.10	.04	.02											.18	.16	.02	.14	.26	.02	.10	.8	.40	.16	.54	.06
MOANALUA 770		.03	.15				•	.59														T		.01	.5			.09	.28	.05	.04	.04	
[illegible]		.42					.40	.20	.01										.04			.18	.04		.8		.02	.20	.12	.02	.30		
[illegible]	A	.02					•	•	.64																.15			•	•	.42	.25	.34	
[illegible]		.5					•	•	.40	.12						.01												•	•	.15	T	.4	
[illegible]	A	3.74		.34	.02	.02	.01	.75	1.98	.42	.11	.01											.13							.27	.08	.02	
[illegible]	H	.40					.16	.58		.02	.02											.2	.2		.06	.02		.06	.52	.30	.12	.30	.06
[illegible]	H	.49					.30	.44	.01		.02			.02					.04			.3	.08		.10	.28	.04	.12	.4	.28	.22	1.00	.14
[illegible]		.62					.49	.10		.02															.10		T	.24	.34	T	.04	T	
[illegible]	A	.14	•	•	.08		•	•	.2	.04														.1				•	•	.21	.02	.01	
[illegible]	A	.14			.01			.52				.01												.02	.02	.06			.13	.12	.07	.07	.09	
[illegible]		.53	.04	T	.01		.01	.01	2.25	.01	.01			.04						.06	.1	.08	.01	.02	.28	T	T	.23	.02	.04	.09	.03	
[illegible]		.65	.31					.74													T	.10		.01	.31			.32	•	.72	.35	.69	
[illegible]	A	.03	•	.01			•	•	.56														T	T	.05	T	•	•	•	.58	.04	.07	
UPPER WAIHAWA 874.3		.14	.03	•	•	•	.09	.43	•	.04														.03		T		.20	.09	.15	.10	.16	
[illegible]	A	.44	•	•	•	•	•	•	.44	.06	.02															.01				.24	.20		
[illegible]	A	.9	•	•	.54	•	.01	•	•	.01	•	•	•	•	•	•	•	•	.02	.06	•	•	.06	.05	•	•	.02	•	•	.37	.16	.23	
[illegible]		.13	.3				.6																	T				.46	•	.06	.03	.02	
[illegible]		.14	.01				.40	.38					.02	.01					.19			.09				.01		.01	.01	.25	.03	.03	
WAIALUA 847	A	.63	•	•	•	.44	T	•	•	.01	.19	T		.11										.21		T	T	.10		.05	T	.01	
WAIAWAE 798.2	L	1.44	.05	T			.25	.43	.01																			.2				.02	
WAIAWAE MAUKA 803	A	.14	•	•	.15	•	•	.65	•	•	•	.71	•	•	.19	•	•	•	.03	•	•	•	.11	•	•	•	.04	•	•	.45	•	•	•	.01	
[illegible]	A	.26	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.24	
[illegible]	A	.15	•	•	.16	•	•	•	•	.14	•	•	•	•	•	.08	•	•	•	•	•	•	•	.43	•	•	•	•	•	.04	•	•	•	
[illegible]		.48	.15					.18																T				.5	T	T	T	
[illegible]		.11	.13			.01	.12	.11	.13	.12				.10						.13					.08			.5	.23	.01	.02		
WAIMEA 892	A	.17	•	•	•	.4	•	•	•	.11	.1		T						.04							.01		•	•	.30	T	.04	
[illegible]	A	.4	•	•	.1			•	•	.4																		•	•	.09		.02	
[illegible]		.12	.1		.01		.34	.1	.2															.06	.04	.02		•	•	.44	.24	.04	.04

See reverse [illegible] Index

DAILY PRECIPITATION

Continued

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	2.93		.02	.11			.36	.82	1.18											.03	.04								.08	.29
KAUNAKAKAI 536	A	.91		.19							.72																					
KEONELELE PENS 551	A	1.15	.45	M	*	*	*	*	*	*	*	.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KUALAPUU 534	A	2.33						*	*	1.06	.04				*	*	.06									.01		.05	*	*	1.08	.03	T
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	1.50	*	*	.26			*	*	.57	.57															.01		.05	*	*	.04		
MOLOKAI AP 524		1.40	.15	T					.58	T	.19	T			.06			T										.06	.12	.24	T	T	T
PUUOMOKI, RANCH 542.1		3.01	.35				.01		1.60	.36	.11				.06					.03			.08						.28	.08	.09
WAIKULU 540	A	M.64	*	M	*	M	*	*	*	3.56	*	*	*	*	*	*	M	*	.40	*	*	*	*	.18	*	*	*	*	*	4.50	*	*
* * * ISLAND OF LANAI																																
KANEPUU 690	A	1.41	*	*	*	.45	*	*	*	*	*	*	*	.90							*	*	*	*	*	.01	*	*	*	*	*	.09
KAUMALAPAU HARBOR 658	A	.26	*	*	.12			*	*	.14																						
LANAI CITY 672	A	1.43						*	*	1.41					*	*	.02															
LANAIHALE 684	A	3.74	*	*	*	.21	*	*	*	*	*	*	3.05	*	*	*	*	*	*	.18	*	*	*	*	*	.07	*	*	*	*	*	.23
MANANA 694	A	1.06	*	.38	*	.38	*	*	*	.29	*	*	.01																			
MALAUEA 676	A	.75	*	*	*	.42	*	*	*	*	*	*	*	.20	*	*	*	*	*	.13												
WAIAKEAKUA 685	A	.91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.94															
* * * ISLAND OF MAUI																																
AUWAHI-252	A	1.10						.90		.20																						
HALEAKALA 8 E S 434	A	6.64	.37	.01					.67	.38						.08			.05		.17	.01	.01			.61		.12	1.88	1.95	.65	.26	.02
HALEAKALA RANCH 432	A	3.01	.43	*	*	*	*	*	*	.43	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	2.13	*	*	*
HALEAKALA RS 338		1.05	.35						.13	.05	T	T																.05	.20	.10	.13	.02	.05
HALEAKALA SUMMIT 338.4	A	.53	*	.32				*	.16																				T			
HALIIMAILE 423	A	4.46	*	*	.23			*	*	1.33		.04			*	*	.10		.01	.03	.05							.20	*	*	2.18	.27	.02
HAMAKUAPOKO 485		6.80	.25	.02					1.36	1.75						.09			.21	.07	.09		.07			.05		.25	.60	1.43	.19	.22	.18
HANA 354	A	4.12	*	*	.15				*	2.20		.06				*	.12	.04			.07	.21	*			.04	.40			*	.17	.40	.22
HANA AIRPORT 355			.05	-		.02	.07	T	1.48	T		.15	.02	.61	.06	.04	T		.04	.06	.31	.06	.15	.04		.06	.03	-	.76	.03	.16	.28	.02
HANAHULI 281		6.01	.64	.09			.22	.64	.80	.28	.30	.02					.02		.14	.12	.32		.34	.14	.04	.03	.20	.30	.55	.10	.12	.55	.35
HOLUA CABIN 259.5	A	1.65	*	*	*	*	*	*	.53	*	*	*	*	*	.02										*	*	*	*	*	*	1.10	*	*
HONOKOHAU 480	A	12.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.60
HONOKOHUA 493	A	3.52	*	*	.64			*	*	1.92	.05				*	*	.08					*	*	.04			.05		*	*	.45	.21	.08
HONOMANU GULCH 341	M	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00
KAANAPALI AIRPORT		1.69	.50						.53	.02					T	.01	T											.08	.37	.15	.03		
KAMOMA INTAKE 374	A	2.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.80
KAMOLOI WSO 398 AP	R	2.14						.45	.57			.10				.01		T	.01		T					T	.01	.37	.59	.01	.02	.01	T
KAILILILI 436	A	14.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.06
KAILUA 446		11.53	.17	.02			.65	.01	3.10	1.80	.02				.02	.27			.08	.06	.49	.08	.05			.12	.05	1.02	1.28	1.08	.20	.65	.31
KAUAULA INTAKE 375	A	1.88			.08					1.25							.45													.08		
KEAHUA 410		2.11	.14	.01					.47	.32	T					.03			T								.10	.53	.37	.07	.07	
KEANAE 346	A	19.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.10
KEAWAKAPU BEACH 260.2		.40	.35						.05																							
KIHEI 311		.52			.20					.23	.01																	.07	.01			
KIPAHULU 258		4.13			.21		.14		.04		.91	.15								.12	.14		.10	.21		.05	.06	.23	.20	.31	.22	.67	.37
KULA WEIGHTS 323.2		1.01	.84						.17																							
KULA SANATORIUM 267		1.85	1.31	.02					.13	.35	.03	.01																				
LAHAINA 361		.65	.49						.16																							
LAUNIUPOKO INTAKE 376	A	2.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.30
LAUNIUPOKO VILLAGE 372	A	.51	.32						.19																							
LUPI UPPER 442		11.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.00
MAMINAMINA 466	A	4.41	1.15						.70	.30						.08												.18	.80	1.12		.08	
MANALELE -FLD 60-497	A	3.50	*	*	*	*	*	*	*	1.89	*	*	*	*	*	*	.84	*	*	*	*	*	*	.09	*	*	*	*	*	*	.40	*	.32
OLINDA 332	A	1.88	*	.82	.01	.01	T	*	*	.27	.01	T	T	T	*	*	.01	.01	.02	T	T	T					T	T	.21	*	.46	.02	.03
OLOWALU 296		.25	.25																													
PAAKEA 350		17.32	.13		.12		.36	.05	3.13	3.79		.06				.30			.13	.26	.69	.16	.16			.11	.06	1.00	1.36	2.38	1.19	1.21	.71
PAIA 406		3.84	.27	.01	*	*	*	*	.91	.45	.01	*	*	*	*	.03	.01	*	.10	.02	.02	*	*	*	*	*	.01	.24	.60	.99	.04	.10	.03
PANILEIMULU 259.2	M	2.08	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.08
POHAKEA BRIDGE 307.2	A	.91	*	*	.46	*	*	*	.12	.15	*	*	*	*	*	*	.07	*	*	*	*	*	*	*	*	*	*	.01	*	*	.10	*	*
POLIPOLI SPRINGS 267.2	A	2.86	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.86
PUOMOKAMOA 2 343	A	26.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	26.20
PUUNENE 396		2.66			.30					1.11							.25		T									.05		.95	T		
SPRECKELSVILLE 400.2		2.88	.28						.72	.33						.01	T		.01	.03	T							.12	.53	.79	.02	.02	
TWIN GATES 261.3	A	.12	*	*	*	*	*	*	*	.12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
UKULELE 333	A	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20
UKUMEHAME 301	A	.30	.30																													
ULUPALAKUA RANCH 250		1.34					.29			1.05																						
WAHIKULI 364	A	.75	.58						.17																							
WAIEHU CAMP 484	A	5.34	*	*	.58	*	*	*	1.88	1.84	*	*	*	*	*	*	.17		T	T					T	.04	.23	.22	*	.35	T	.03
WAIHEE VALLEY 482	A	6.75	*	*	.85	*	*	*	2.64	1.94	*	*	*	*	*	*	.29			T	*	*	.08	*	*	*	.16	.15	.30	*	.32	.02	T
WAIKAMOI 449	A	16.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	16.70
WAIKAMOI DAM 336	A	14.38	*	.31	.02	T	.05	*	*	2.83	.03	.01	.01	.01	*	*	.32	T	.09	.08	.34	.26			T	.12	.04	.31	2.89	*	5.70	.69	.47
WAIKAPU 390	A	3.31	*	*	.60	*	*	*	.76	.63	*	*	*	*	*	*	.10	*	*	.07	*	*	M	*	*	*	*	.20	.26	*	.69	*	*
WAILUKU 386	A	2.48	*	*	.46			*	*	1.16					*	*	.26		.02						.01	.01		.34	*	*	.21	.01	T
WALOPAI RANCH 256	A	2.90	2.03	*	M	.66		*	*	.13								*	*	*	.08											
* * * ISLAND OF HAWAII																																
AHUA UMI 75	A	.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20
AKINI 182.1	A	23.30	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M	*	*	*	*	23.30	*	*	*	*	*
CITY OF REFUGE 27.4		.22		.02						.20	T																					
EAST HONOKANE 183.2	A	17.80	*	*		*	*	*	*	*	*	*	17.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HAINA 214		6.44	.15	.03	.07				.47	.07						.23	.02	.02	.36	.01		.17			.07	.03	.01	.02	.33	3.62	.56	.23	.03
HAKALAU 142		3.50		.02	.13	.09	.05		.12							.02			.09	.02	.04	.03	.03		.01	.29	.03	.09	.44	.75	.73	.24	.28
HALEMAUMAU 52	A	.73	*	*	*	*	*	M	*	*	*	*	*	M	*	.05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.68
HALEPIULA 117	A	.47	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.47
HALEPOHAKU 111	A	.16	.14						.02	T																							
HAWAII VOLCNS NP HQ 54		2.80	.13	.02	.19	.02	.06	.01	.09	.02	.04	.01	.03	.01	.01	.05	T	T	.07	.02	.04	.50	.05	.01	.02	.08	.09	.03	.14	.09	.43	.16	.38
HAWI 168	A	5.92	.94	*	*	.04		*	*	1.40	.05	.04	.06	T	*	*	.05		.15	.18	.07	*	*	.07	.02	.02	.06	.05	*	*	2.52	.06	.14
HILO COUNTRY CLUB 86.6		9.32		.09	.74	.06	.20		T	.31	1					.05			.04	T	.31	.95	.02		.09	.19	T	.10	.41	2.62	1.64	.83	.67
HILO WSO 87 AP	R	3.45	.03	.25	.21	.23			T						.04	.01		T	.01	.02	.15	.04	T		.03	.30	.02	T	.52	.40	.45	.64	.16
HOLUALOA 70	A	1.14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M	M	*	*	*	*	*	1.14	*	*	*
HOLUALOA BEACH 68	A	1.55	*	.55	*	*	*	*	*	*	*	1.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONAUNAU 27		1.62	*	.47				*	*	.14	.99	.02																					
HONOHINA 137		4.67		.02	.10	.06	.05		.14							.03			.05	.02	.37	.15	.04		.20	.40	.03	.13	.55	1.20	.61	.22	.36
HONOKANE 181.1	A	8.06	*	*	*	*	*	*	*	*	*	*	*	8.06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOMU MAUKA 138		10.35		.03	.35	.11	.05	.01	.01							.53			.22	.03	.24	1.78	.02		.17	.45	.01	.23	.47	3.36	.90	.96	.42
HONUAULA 71	A	.93	M	*	*	*	M	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.93	*	*
HUALALAI 72	A	.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07			
HUEHUE 92.1	A	.77	*	*	*	*	*	*	.29	.48																							
KAALA IKI 12	A	1.09	.20	.07	.02		.41			.16	.23																						
KAAWALOA 29	A	1.43	*	*	*	*	*	*	*	1.37	.03	T										*	*	.03					.02	T			
KAINALIL 73.2		4.04	.79	T		.07	.01		.30	.04		2.79											.02									
KALAPANA NO 1 67.8		1.59	.19	T	.15	.05	.39	.03	.03	.01	T		.01	.01							.15	.27	.01	.02		.01			.08	.09	.05	.04
KAMADA NO 2 5	A	1.07	*	*	*	*	*	*	.66	*	*	*	*	*	*	.29	*	*	*	*	*	*	.04	*	*	*	*	*	*	.08	*	*	*
KAMUELA 192.2		2.82	.72		.15			.04	.15			.08					.05		.05		*	.02			.04	.02	.02	.11	.18	.87	.18	.06	.08
KAPAPALA RANCH 36	A	1.03	*	*	*	*	*	*	.22	*	*	*	*	*	*	.70	*	*	*	*	*	*	.11										
KAPOHO LANDING 93.5	A	1.58	*	*	*	*	.92	*	*	*	*	*	*	.19	*	*	*	*	*	*	.26	*	*	*	*	*	.21	*	*	*	*	*	*
KAWAINUI LOWER 193	A	5.22	*	*	*	*	1.50	*	*	*	*	*	*	.92	*	*	*	*	*	*	*	1.42	*	*	*	*	*	1.38	*	*	*	*	*
KEAAU 97		3.30	.07	.05	.12	.06	.25									.02				.05	.15	.19	.06			.11	.06	.12	.20	.35	.72	.32	.40

See reference notes following Station Index

DAILY PRECIPITATION

Continued

Station	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]	.85			.04		.04	.32	.24	.03	T											T										
[illegible]	•	•	•	•	•	•	•	•	•	•	.9.54	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.17	•	•	•
MOLOKAAA A E P 6 A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
[illegible] A	.04	.11	.6.	.06	.33			.28	.06					.05			.08	.61	.26	1.05	.01	.01	.17	.25		.08	.58	2.40	1.22	.75	.72
[illegible] A	8.57	.34	•	.04		•	•	.44		.19	.03		•	•	.07		.08	.19	.01	•	•	.17		.09	.10	.05	•	•	4.85	.20	.24
[illegible]	.06	.78	.01	T			.58	.54	T	T	.08			.04	T	T	.07	.23	.02	.11	T			.02	.04	.03	.73	1.42	.64	.21	
[illegible] A	.04	•	•	•	.11	•	•	•	•	•	•	.62	•	•	•	•	•	•	.84	•	•	•	•	•	•	.70	•	•	•	•	•
[illegible] A	.04	•	.37							.01																					
[illegible] 79.8	.05					.06			T																						
[illegible]	.01	.01	.07			.01	.11						.77	.01		.06	.07		.64			.09	.07	.02	.02	.45	4.70	.76	.52	.05	.44
[illegible]	.13	.07	.01	.02			.26	1.50		.19				.14		.02	.15	.13		.04			.05	.08	.03	.01	.98	2.16	.40	.24	.14
[illegible] A	.03	•	•	.05		•	•	.34		1.12			•	•	.12		.21	.07		•	•	.01	.07	.02	.01	.01	•	•	3.88	.25	.09
[illegible]	.04	.02		.13		.01	.04	.04			.06									.40				.02	.01	.01	.14	.80	.36	.13	.25
KULANI MAUKA 76 A	.07																										.22	.05			
[illegible] A	.83	•	•	•	•	.09	•	•	•	•	•	•	.15	•	•	•	•	•	•	.37	•	•	•	•	•	•	.19	•	•	•	•
LANIMAU 68.2	.08	.65		.13																											
[illegible]	2.00						.82	.08		.18							.18						.26					.48			
[illegible] A	.03	•	.01			•	•	.10								T															
[illegible]	.01							.01																							
MIDDLE HOLUALOA 68.1 A	1.07	•	.67	•	•	•	•	•	•	.40																					
MIDDLE PEN 147.1 A	1.24	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.19	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
[illegible] A	.10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.10
MOUNTAIN VIEW 91	5.96	.12	.28	.20	.10	.36	.04		.01					.20			.09	.02	.19	.46	.15	T		.05	.11	.07	.16	.42	.70	1.49	.43	.50
[illegible] A	.62	•	•	•	.36	.01	•	•	.05	T																					T
[illegible] A	.73	•	.58	•	•	•	•	•	.45																					•	
[illegible] A	4.91	•	•	•	.67	•	•	•	.69			.12	•	•	.09		.06	.33		•	•	.14		.04	.05	.04	•	•	2.45	.09	.14
[illegible]	7.56	.10	.03	.43			.46	.36		.01			.01	.46	T		.17	.23	.01	.54	.06		.08	.14	.08	.03	.36	2.84	.62	.45	.09
[illegible]	.09	.76	T			.03	.15	.01	.63	T	T													.01							
[illegible] A	1.58	•	•	•	.79	•	•	•	•	•	•	.18	•	•	•	•	•	•	.54	•	•	•	•	•	•	.37	•	•	•	•	•
PAAUMAUI 217	4.86	.23	.03	.15			.10										.34			•	•	.15	.06	.05			•	•	3.41	.33	.01
PAAULIO 221	7.88	.02	.23	T		.01	.22	T		.01			.63	T		.07	.14		.52			.08	.04	T	T	.25	4.25	.52	.49	.03	.37
[illegible] A	.33			.03	.09	•	•	.20	.01						T																
[illegible]	4.87	.13	.05	.23	.11	.42	.04		.03		.05			.09			.03	.03	.17	.31	.10		.04	.10	.12	.10	.12	.19	.41	.42	.53
[illegible] A	.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.70
PAPAIKOU 144.1	3.69	.01	.10	.15		.25		.02	.01					.08			.02		.10	.1.	.02	.01	.01	.05		.10	.31	.64	.79	.35	.57
PAPAIKOU MAUKA 140.1	11.29		.08	.85	.03	.35		.01						.20			.10		.30	2.03	.03		.21	.15		.11	.72	2.73	1.10	.85	1.44
PIIHONUA 84 A	11.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	11.20	•	•
POHAKULOA 107 A	.27						•	.27																						•	•
[illegible] A	.40	.23					.17	T																							
[illegible] A	.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.20
PUU LAAU 102.1 A	.05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05
PUU LEHUA 73 A	.50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.50
[illegible] A	.04	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.04
[illegible]	.89	.06	.03	.04	.01	.01	.02	.20	T																T	.10	.22	.20			
PUU WAWAA 94.1 A	1.31	.53					•	.23		.55																					
SADDLE ROAD 1 84 A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible] A	.48	•	•	•	•	•	.42	•	•	•	•	•	•	.02	•	•	•	•	•	•	.01	•	•	•	•	•	.03	•	•	•	•
[illegible]	4.42	.08	.11	.07		•	•	.02		.01					.47	.02								.21		.04	•	•	2.79	.27	.03
[illegible] 159.2	3.99	.63			.01		.52	.32		.07							.02	.02	.04	.03					.05	.01	T	.52	1.11	.45	.05	.14
WAIAKEA SCD 88.2	10.35		.04	.45	.16	.18		.10						.13			.09	T	.28	1.01	.02		.06	.20	T	.11	.45	3.01	3.13	.48	.45
[illegible]																															
[illegible]																															
[illegible]																															
CANTON IS AP R	28.74		.21	.02	.15	.08	2.51	.01	.34	1.54	.16	.72	.35	.16	.07	.52	.87	T			T	1.25	.90	.95	.24	2.95	.03	.10	.82	.16	3.23	2.38
[illegible]	25..	.15							1.45		2.70				.50	.11	.25	.30	1.68	1.96	.16	1.16	.11	.85	.45	1.37	4.20	3.20	.95	2.00	.86	.90
[illegible] WSO AP R	.02	T	T	T	.14	.01	T		.01	T		.08	T	T	T	.02	.03	.03	.01	.01		.12		T	T	T	.02	.08	.22	T	.04	
LEONE	2..	3.20	.10						1.10						•	2.30	1.10	.70			.45	.34	.80	.80	.60	2.00	2.60	2.25	1.60	1.70	
FRENCH FRIGATE SHOALS	3.94				1.16	2.12	.02			.07										.03			.04				.06	.01	.03	.01	.23
LUMA VILLAGE	33.72	3.02	.19	.01	.14			.14	.03	.10	2.86	.14	.03				.03	1.31	1.75	1.18	1.27	1.83	1.24	.24	.52	.07	2.94	•	3.74	5.04	3.26	.02
[illegible]	2.69		.26				.02	.06		.7				.23			T	.81	.		.11			.29				T		.15	T	.24
PAGO PAGO WSO AP R	2..	.14	.14	.01			.30	T	.92	.06		.01	T	.46	.12	.76	.82		1.22	.73	.03	.21	.47	.27	.52	.24	1.60	2.15	2.91	6.00	.29
SWAINS ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]																															
[illegible]																															
[illegible]																															
ANDERSEN AFB 205M	1.51		.19	.26	.10	.36		.05	.27	.03	.05	.01	.03		.21	.17			T			T	.04				.02		.01	.01	T
[illegible] AFB 20M	.04			.03		.04	.02													T											
[illegible]	1.15		.01	.28	.11	.09	T	.05	.09	T	.02	.03			.03	.06		T	T		.01	.01				.06			.30	T	
[illegible]	4..		.04	.26	.17	.05		.05	.14	.04	.01	.02			.02	.13		.01				.03				1.06	T		.05		.02
[illegible]	.14	.10	.01	.01	.40	.17		.02	.25	.02		T	.03	.01		.19	.02	.03		.09		T						.02	.03	.03	.04	.04
[illegible]	6.44	.16	.25	.15	.38	.35	.09	.09	.15	.25	.15	.30	.40			.78	.30	.50	.40	.15	.22	.10	.16	.23	.15	.05		.28		.15	.18	.18
[illegible]	-		.01	.01	.04	.09	.01	.01				.04		.02	.23	.06	.11	.03	-	.02								.01			.01
WAKE WSO AP R	2.17	T	T	.10	.01	T	.06	.01	T			.15	T			.02	.02	.09	T	.19				.06	.03	.02	.81	T	.06	.50	.12	.01
[illegible]																															
[illegible]																															
[illegible]																															
ENIWETOK	1.61				.10	.07											.28			.55	.01						.12				.48
[illegible]	.54	.04	.01		.02	.04		.01	.08	.07	.01		.01	.02											.01	.12				.08	.06
FALLOP I. [illegible]	.88	.12	.03	.15	.07		.09	.09				.02												.04	.03	.03					.01
[illegible]	6.78		.22	.33						.01			1.62		.46		.04	.23		2.05	.54	.03		.17	.61	.15		.07	.68	.14	.05	
[illegible] R	2.11	T	T	.16	.02		.02	.16		.01	.01							.02	.03		.76	.85	.17		.07	.04	T			.02	.03	T
KWAJALEIN WSO AP R	.52	.04		.03	.02	.01	.06	.01	T	.01	T		T	T	.08	.22			T	T	T	T	.03	T			T		.01		T
LELE I. KUSAIE	3.51	.07	.51			.13	.05	.22			.04	.04		.75	.10	.06	.20			.63			.05	.09	.06		.40	.10	.04		
[illegible] R	.78			.14	.03	T	.03				.05	.01	T		.04	T	.01	.02			T	T	T	.01	T	T	T	T	.15	.04	T	.25
METALANIM	3.13	.15			.71	.05	.03	.18	.01	.05		.01			.12	.02	.28	.21	.05		.01			.02	.06	.12	.48	.05				
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	.61	•	.06	.46	.04	.01							.01		.01		.04		•	•	.56	2.23	.61	.02	•	•	.04			.15	.01
PENRYN WSO R	3.3.	.11	.07	.29	.07	.23	.04	.24	.19	.01	.02	T		T	.19	.74	.07	.28	.20	.03	T	T	.04	.03	T		.04	T			.81
[illegible]	6.14		.12		.04		.12			2.13						.05	.52	.18	.73	.08				.07	1.95	.03					
[illegible] WSO AP R	1.36	.02	.01	.5	.20	.42	T	.07	.04	.35	T	T					T	T	.01	T	T	T	T	.04	.07	.01		T	T		.10	
[illegible]	.80		.06		.06		.05				.04	.02	.1	.11						.25	.10										
[illegible] WSO AP R	2.14	.08	.4.		.20		.04	.04	.14	.12	.42							.11	.02					.20	.24				T	T	.08

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	58	64	69	69	67	61	66	69	62	63	64	63	62	66	66	71	67	67	66	65	67	65	65	68	65	60	55	57	60	64	65	64.4
	MIN	45	42	42	53	53	52	42	49	49	44	43	44	38	39	38	38	39	40	39	38	42	45	52	55	47	52	50	48	50	50	42	45.2
KILAUEA POINT 1133	MAX	74	76	80		80	72	79	79	81	79	81	79	79	79	79	79	79	75	79	79	79	79	80	78	78	78	73	73	73	76	77	77.7
	MIN	60	63	71		64	68	68	63	63	63	65	64	66	62	67	67	65	70	69	68	67	67	65	67	67	64	67	63	62	67	65	65.6
LIHUE WSO 1020.1 AP	MAX	73	77	80	78	78	75	77	78	78	76	78	78	77	78	79	79	78	78	80	79	79	79	79	80	81	79	75	75	78	78	78	77.9
	MIN	55	59	69	68	64	67	62	63	60	59	60	60	60	60	61	61	65	66	63	72	64	59	70	69	71	67	68	64	66	67	62	63.9
MAKAHUENA POINT 940.1	MAX	74	75	79	82	79	80	79	79	78	82	77	81	80	74	78	78	78	78	79		81	86	81	79	78	79	76	72	72	74	76	78.1
	MIN	61	55	69	67	69	68	68	67	61	63	63	61	62	60	62	64	66	68	64		65	64	69	67	67	70	62	61	62	65	64	64.5
MANA 1026	MAX	73	77	79	83	80	79	75	80	78	79	76	79	78	79	79	79	80	80	83	80	84	84	84	78	81	83	84	83	79	79	80	79.8
	MIN	45	64	64	61	62	60	58	59	50	56	57	61	50	54	61	65	58	59	57	58	60	58	62	64	62	62	64	57	58	57	58	58.7
NIU RIDGE 1035	MAX	78	77	74	81	77	77	76	78	78	78	76	77	77	78	78	79	79	78	82	81	82	82	80	77	78	80	79	78	77	76	76	78.2
	MIN	60	60	58	56	66	68	60	58	57	56	56	55	56	55	54	55	55	56	56	55	58	57	56	60	56	57	56	55	54	55	55	57.1
WAIAHI LOWER 1054	MAX	77	75	76	76	75	74	75	76	77	77	76	80			79	76	77	75	76	74	78	73	74	78	74	76	76	75	72	73	76	75.7
	MIN	48	50	51	65	68	63	64	62	65	52	63	65			49	53	54	59	55	63	60	52	62	63	60	59	57	59	59	63	53	58.5
* * *																																	
ISLAND OF OAHU																																	
EWA PLANTATION 741	MAX			85	82	82			80	80	81	82	81			81	81	79	79	84			85	79	80	81	80			80	78	78	
	MIN			55	66	63			62	64	60	59	60			58	59	60	61	61			59	60	66	66	67			63	64	61	
HONOLULU WSO 703 AP	MAX	76	81	85	81	80	76	79	80	80	79	78	80	81	81	82	81	81	82	84	81	84	82	83	84	83	82	78	79	81	80	81	80.8
	MIN	55	58	72	69	67	68	67	67	64	61	61	62	61	60	59	64	62	64	64	71	64	61	71	70	72	69	66	65	68	68	64	65.0
HONOLULU SUBSTA 704	MAX	71	81	80	79	76	74	74	78	78	76	76	78	78	76	77	76	77	80	82	76	78	78	76	78	76	76	71	72	74	74	76	76.5
	MIN	62	64	74	72	70	70	69	69	68	67	67	66	66	65	65	67	69	68	67	71	67	66	69	69	70	69	65	64	67	67	67	67.6
KAHUKU 912	MAX	79	80	79	79	81	80		83	78						78	78	79	80	80	79	78	79	80	78	78	78	80	78	80	80	82	79.4
	MIN	62	65	68	73	76	78		66	64						68	64	64	68	67	68	65	64	67	64	68	69	65	69	68	68	68	67.4
KANEOHE MAUKA 781	MAX	72	70	78	79	78	80	74	74	77	76	76	76	79	76	77	77	76	77		80	76	79		79	78	79	79		74	76	77	76.8
	MIN	61	60	65	71	68	69	68	65	64	63	61	63	63	62	63	64	66	66		71	68	67		70	69	69	68	65	63	66	67	65.7
LUALUALEI 804	MAX	82	86	84	84	84	82	82	86	80	82	84	80	81	77	80	82	80	86	78	80	81	82	90	82	83	86	82	75	78	80	80	81.9
	MIN	57	54	53	52	60	62	56	64	62	58	62	60	56	62	59	56	56	65	61	69	59	57	55	64	70	70	60	57	65	64	66	60.4
MAKAPUU POINT 724	MAX	73	74	76	77	78	77	77	74	70	73	74	76	76	76		75	74	74	75	76	74	78	75	75	75	74	74	71	70	73	73	74.6
	MIN	64	54	67	70	67	71	65	64	66	68	66	68	66	67		67	62	67	70	67	67	69	68	66	59	67	64	55	61	69	68	65.6
OPAEULA 870	MAX	71	72	78	82	80	80	73	73	73	76	77	73	78	77	75	74	81	77	78	81	75	81	80	79	75	80	76	69	75	74	79	76.5
	MIN	60	57	56	68	65	64	66	59	55	52	53	53	53	59	68	48	50	64	64	62	65	60	63	64	63	63	66	65	60	59	58	60.1
PRI WAHIAWA 820.2	MAX	70	75	83	72	74	80	74	72	69	69	68	70	77	77	69	79	79	77	82	82	76	82	78	78	80	80	76	73	78	76	75	75.8
	MIN	52	54	51	63	62	63	63	62	61	56	55	55	58	57	55	56	57	57	57	58	58	57	58	64	65	66	62	62	61	61	57	58.8
WAIALEE 896.9	MAX	73	76	77	79	79	82	73	77	78	79	76	78	78	77	77	78	78	78	78	84	79	79	79	79	79	79	79	72	71	76	76	77.5
	MIN	62	58	67	70	69	69	65	66	66	63	61	63	62	65	64	64	66	67	68	70	67	63	65	69	70	70	66	65	63	65	66	65.6
WAIALUA 847	MAX	75	74	81	83	81	81	76	78	76	76	75	75	78	76	78	79	79	80	83	83	78	78	78	80	82	80	81	72	74	77	77	78.2
	MIN	56	56	56	61	62	63	68	67	62	58	57	58	60	60	56	57	56	57	58	59	58	60	60	61	62	64	66	65	64	60	58	60.2
WAIKIKI 717.2	MAX	76	77	84	84	82	80	75	80	83		80	80	80	82	80	80	81	81	83	84	80	84	82	89	83	83	82	78	78	78	79	80.9
	MIN	52	55	60	66	65	70	65	65	63		59	60	59	57	57	63	66	63	61	70	64	58	62	69	70	71	66	64	68	66	66	63.3
WAIMANALO EXP FARM	MAX	75	76	79	78	78	80	74	75	77	76	76	76	78	78	77	78	78	78	78	80	78	79	79	79	79	79	79	72	74	76	74	77.2
	MIN	53	58	63	71	68	68	66	67	63	62	59	59	61	60	62	63	66	65	64	71	68	63	65	69	71	71	65	64	67	66	69	64.7
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	74	78	80	85	80	75	76	73	78	76	76	78	78	75	75	79	79	77	75	82	75	76	78	77	80	78	75	70	76	74	74	76.8
	MIN	54	55	67	66	66	68	68	65	65	63	58	62	64	62	62	64	66	66	62	60	69	60	64	69	69	69	67	66	62	64	65	64.1
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX			75	77	75			76	75	74	77	76			75	71	70	71	70			76	72	72	72	70			70	70	72	
	MIN			52	60	61			62	59	59	58	57			56	60	59	58	59			57	55	56	62	63			61	59	57	
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	56	65	58	69	78	62	59	61	58	67	54	59	59	61	60	66	65	64	63	66	71	65	67	71	72	69	64	55	59	56	44	62.7
	MIN	44	41	43	47	42	45	43	39	38	37	39	39	40	41	49	41	38	40	36	38	44	39	41	51	54	47	45	35	36	38	35	41.5
HALEAKALA SUMMIT 338.4	MAX			54	56	65		49		52	55	50	50	42	46	56	57	56	58	55	59	54	58	60	58	57	52	55	51	50	53	51	54.0
	MIN			44	48	49		38		40	36	34	34	34	34	43	43	40	40	42	41	42	44	44	44	41	40	34	34	33	38	38	39.7
HANA AIRPORT 355	MAX	80		80	80	78	78	79	79	80	78	78	78	78	76	76	77	77	75	78	75	78	78	78	78	79		80	75	76	77	76	77.8
	MIN	62		72	70	70	68	68	68	64	64	60	60	61	59	60	61	64	66	66	68	68	62	61	66	68		65	66	64	65	64	64.8
KAANAPALI AIRPORT	MAX	77	75	80	80	80	79	77	76	78	77	77	77	77	77	79	78	78	78	80	80	80	80	79	80	81	79	77	73	74	76	76	77.9
	MIN	59	61	67	67	64	69	67	67	67	63	64	63	66	61	61	63	63	61	64	67	63	61	60	68	65	68	65	63	65	63	64	64.2
KAHULUI WSO 398 AP	MAX	75	80	84	81	82	82	73	79	77	80	77	76	75	76	76	76	77	82	81	80	79	79	81	82	80	79	71	75	75	77	79	78.3
	MIN	56	59	62	61	66	66	68	63	63	60	58	58	60	58	56	59	60	57	63	60	57	56	66	65	62	68	64	64	64	65	64	61.5
KAILUA 446	MAX	77	71	75	75	75	76	77	71	75	74	73	75	76	76	76	72	72	70	74	74	72	75	75	75	75	74	75	75	75	70	69	74.0
	MIN	60	61	61	66	65	64	65	63	63	63	59	60	60	59	59	62	62	62	62	65	61	58	59	63	65	64	63	61	60	60	61	61.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]																																	
[illegible]	MAX	76	77	82	85	82	86	82	77	82	85	83	82	82	80	81	82	82	79	82	88	83	83	81	86	85	86	86	79	82	83	83	82.5
	MIN	57	65	64	63	68	65	67	63	63	61	59	57	60	57	56	58	58	59	62	59	61	60	56	59	59	61	64	59	56	56	57	60.1
[illegible]	MAX	68	70	76	73	69	72	69	71	71	72	70	69	73	68	70	69	69	67	71	71	69	68	71	70	69	70	68	67	65	68	70	69.8
	MIN	54	54	59	54	55	60	59	57	57	58	55	52	52	51	52	50	50	51	53	55	53	52	49	51	49	50	52	52	50	51	52	53.3
[illegible]	MAX	79	83	85	84	84	77	84	85	84	84	83	83	83	83	83	85	83	84	86	85	85	83	85	85	85	85	83	84	83	83	85	83.6
	MIN	57	61	62	63	63	65	62	63	63	62	61	58	60	58	59	60	60	60	61	61	60	61	60	60	61	62	62	62	58	60	58	60.7
[illegible]	MAX			80	80	80			82	80	76	75	77			77	76	75	74	81			79	77	77	78	77			76	74	75	
	MIN			60	57	66			64	64	61	61	60			59	64	65	60	62			61	62	66	67	65			63	63	65	
• • •																																	
ISLAND OF HAWAII:																																	
HAINA 214	MAX	79	73	75	77	81	82	79	75	78	79	76	80	78	78	76	74	74	75	78	78	75	76	75	77	77	77	77	67	71	72	74	76.2
	MIN	61	62	63	66	65	65	66	63	63	65	61	62	63	62	61	62	64	63	62	65	61	56	62	65	64	66	64	62	61	62	63	63.0
[illegible]	MAX	67	66	70	65	66	63	73	69	61	70	68	69	68	69	67	68	61	65	69	64	67	68	68	64	66	69	66	59	51	62	61	65.6
	MIN	51	55	57	53	54	49	54	48	48	49	48	51	54	53	47	47	49	49	52	52	47	51	49	51	50	50	54	51	48	49	49	50.6
[illegible]	MAX	74	81	81	81	81	86	80	83	83	80	84	82	80	79	81	80	80	83	78	80	82	81	81	81	80	80	75	78	78	78	79	80.3
	MIN	64	65	68	65	67	62	67	64	64	63	64	65	64	62	60	61	64	62	63	66	63	61	66	64	64	66	66	66	63	63	62	64.1
[illegible]	MAX	78	73	78	75	73	78	77	73	76	76	76	78	78	76	76	73	76	74	77	76	77	76	75	77	77	77	77	74	76	76	76	76.0
	MIN	57	59	60	61	60	62	63	60	60	59	59	59	57	58	57	58	57	59	58	60	60	56	58	58	58	58	58	58	57	57	57	58.6
[illegible]	MAX	71	70	76	74	70	73	75	73	75	72	74	72	75	72	75	72	70	73	75	69	68	76	71	68	69	70	68	68	67	67	67	71.5
	MIN	50	50	54	54	50	53	57	55	57	54	57	55	54	53	56	54	50	53	55	54	49	43	46	55	57	55	56	54	53	54	53	53.2
KEAAU 92	MAX	73	74	80	79	81	79	83	81	79	81	80	81	80	78	78	79	77	78	80	76	77	79	79	79	79	79	79	72	75	75	74	78.2
	MIN	60	61	63	61	66	59	68	64	63	61	63	63	63	63	61	60	63	61	61	60	61	60	60	63	63	63	63	63	61	62	61	62.1
KEALAKEKUA 26.2	MAX	78	73	79	75	75	76	78	74	77	76	77	78	79			77	75	76	78	78	76	77	77	76	80	78	78	77	79	77	80	77.0
	MIN	58	58	63	61	60	62	62	61	59	60	60	59	58				59	60	60	60	61	56	59	58	59	60	60	60	58	58	59	59.6
KOHALA MISSION 175.1	MAX	80	75	78	74	81	79	78	74	78	78	77	80	78	76	75	75	73	72	78	74	74	78	76	75	75	76	75	66	71	72	72	75.6
	MIN	63	62	64	67	66	65	65	64	63	63	61	60	62	62	61	63	64	64	63	66	62	60	61	65	66	65	65	62	60	62	63	63.2
KONA [illegible] 58.3	MAX		89	82	81	82			82	84	82	83	83			87	86	85	87	89	83	83	84	82	81	81	81	82	81	81	81	80	83.2
	MIN		64	67	69	70			68	67	67	66	65			65	66	66	65	65	70	69	65	66	67	67	66	69	68	68	66	64	66.7
KULANI CAMP 79	MAX	63	66	65	63	63	62	65	66	66	64	64	65	64	65	63	60	65	60	60	60	62	64	65	60	61	69	70	56	56	52	58	62.6
	MIN	44	43	48	44	49	45	49	46	44	41	43	44	46	39	41	42	40	39	48	42	35	36	38	44	38	43	45	47	44	45	47	43.2
MAUNA LOA SLOPE 035	MAX	55	54	59	60	59	51	48	51	54	55	53	45	53	55	56	58	58	54	58	54	56	54	56	58	58	56	54	49	49	49	51	54.2
	MIN	39	38	40	45	40	37	32	35	34	33	34	34	34	36	35	36	38	37	37	38	35	36	36	38	39	35	34	31	30	28	33	35.7
MOUNTAIN [illegible] 9.	MAX	76	74	76	76	76	79	79	79	75	78	76	76	76	76	76	75	73	73	74	74	74	74	75	73	73	75	73	73	73	68	69	74.8
	MIN	58	58	58	58	2	58	58	58	57	56	56	58	54	54	54	54	59	56	59	53	53	53	52	59	57	59	57	57	57	57	57	56.6
[illegible]	MAX				79	78			79	78	79	78	81			80	78	77	77	77			78	78	77	78	79			79	76	76	
	MIN				65	65			63	64	61	64	65			61	61	62	64	65			60	62	62	65	62			60	62	64	
[illegible] 223	MAX	79	74	76	76	79	80	79	77	78	79	74	81	77	77	75	77	74	75	75	76	75	77	77	76	78	77	77	67	71	72	74	76.1
	MIN	64	63	70	68	66	68	67	65	66	65	64	65	64	63	62	64	64	63	66	67	64	61	62	65	66	62	63	62	62	62	63	64.4
[illegible] 2 24.1	MAX	72	76	74	73	75	76	72	74	74	75	76	77	74	73	75	73	75	76	76	76	74	75	76	76	76	78	75	73	75	75	75	74.8
	MIN	59	59	62	60	60	61	61	60	58	55	54	56	56	55	56	56	57	57	51	58	54	54	56	57	58	58	56	56	55	54	53	56.8
PAHALA 21	MAX				80	78			79	78	79	78	81			80	79	77	80	78			79	80	78	79	80			83	76	77	
	MIN				60	65			59	60	60	60	62			58	56	58	60	60			57	59	61	59	58			59	58	59	
[illegible] 45.1	MAX	80	78	84	83	79	80	80	79	80	81	80	80	81	81	81	80	84	82	81	84	82	82	84	83	82	79	84	80	78	79	81	81.1
	MIN	65	68	65	67	65	65	67	65	64	64	61	62	61	63	62	63	64	63	63	66	65	61	63	67	66	70	71	68	67	65	64	64.7
[illegible] POINT [illegible] 159.2	MAX	78	82	80	78	82	82	80	77	80	79	78	80	79	77	77	77	77	75	80	78	78	80	79	78	78	78	78	71	74	74	76	78.1
	MIN	67	72	72	69	69	69	69	67	67	67	68	66	66	67	67	64	66	66	66	68	68	67	69	68	68	68	65	65	64	63	64	67.1
	MAX																																
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	91	89	92	86	87	82	92	89	86	86	79	83	94	86	91	83	91	94	93	94	92	90	89	89	89	87	92	91	90	86	83	88.6
	MIN	81	79	75	75	78	70	75	79	75	76	77	76	77	77	77	75	75	82	81	81	75	75	75	77	75	77	77	74	78	77	78	76.7
JOHNSTON WSO AP	MAX	77	78	77	74	75	78	79	80	79	79	79	79	80	80	80	79	79	80	79	79	79	80	79	79	79	81	78	78	78	78	79	78.6
	MIN	71	72	71	69	69	72	73	73	70	73	72	74	72	74	72	74	72	72	71	73	75	75	75	74	74	72	70	70	72	70	74	72.3
LEONE	MAX	81	88	89	90	90	90	92	91	91	90	91	91	92	91		90	85	93	91		91	91	90	90	90	91	92	85	85	86	89	89.5
	MIN	75	77	79	76	71	70	74	75	75	79	77	72	75	74		74	75	74	73		73	74	73	73	74	72	74	75	72	74	78	74.4
FRENCH FRIGATE SHOALS	MAX	68	68	72	75	70	72		76		77				71	72	78	80	73	76	76	80	80	80	80	80	80	80	80				75.4
	MIN	63	60	64	62	64	62		66		63				68	65	65	67	68	67	69	67	66	68	65	71	63	67	60				64.8
MIDWAY SAND ISLAND	MAX	67	62	64	64	65	71	70	64	67	74	68	72	75	74	71	68	72	67	73	75	69	70	75	66	68	69	73	74	73	75	75	70.6
	MIN	60	53	58	60	60	58	61	58	52	62	58	58	66	64	60	62	60	58	60	65	58	59	63	59	61	63	65	65	63	67	60	60.5
PAGO PAGO WSO AP	MAX	83	87	89	88	87	86	88	88	88	86	88	87	88	87	87	84	84	88	87	87	87	87	87	87	90	84	82	84	84	83	87	86.4
	MIN	76	80	80	73	70	72	80	72	79	81	79	81	76	80	80	77	78	76	75	74	76	78	79	76	76	76	76	77	75	76	78	76.8
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
‡ ANDERSEN AFB GUAM	MAX	83	84	80	83	79	83	82	85	84	81	81	83	83	83	81	84	83	83	83	82	82	82	81	81	82	83	83	81	82	81	82	82.3
	MIN	76	76	75	75	75	75	75	74	75	75	76	76	74	73	74	75	76	76	76	75	75	75	75	75	75	75	74	74	74	75	75	75.0
‡ CLARK AFB LUZON	MAX	90	90	86	88	90	90	86	91	88	90	90	88	82	86	84	88	91	91	90	90	90	90	90	90	90	88	86	84	82	84	84	88.0
	MIN	70	73	72	72	72	73	64	72	73	73	72	70	70	72	73	73	70	73	72	72	70	72	70	70	72	66	72	70	66	68	66	70.7
GUAM NAS	MAX	85	85	82	85	84	85	87	83	83	83	82	84	83	83	84	84	83	83	84	85	83	84	84	84	89	87	88	88	83	85	85	84.4
	MIN	70	75	75	73	74	74	72	71	74	70	70	71	68	71	70	70	69	70	70	71	68	71	68	68	70	72	70	68	67	74	72	70.8
GUAM WSO	MAX	82	84	81	83	84	84	83	83	84	82	83	86	84	83	83	84	83	83	85	84	84	83	85	84	85	87	83	84	82	83	83	83.4
	MIN	72	72	72	71	71	72	72	70	72	73	72	66	63	62	71	66	65	65	68	68	69	73	66	63	60	64	62	60	58	63	71	67.5
SAIPAN USCG LORAN	MAX	87	88	86	87	86	86	86	86	85	86	86	86	87	88	87	86	87	87		87	87	86	85	83	86	87	88	88	85	87	85	86.4
	MIN	70	73	67	75	68	74	73	72	76	72	72	72	69	73	70	73	72	74		67	76	72	70	68	72	68	69	63	65	65	73	70.8
WAKE WSO AP	MAX	83	83	79	79	79	76	81	82	82	83	81	84	83	84	83	80	81	78	81	78	83	82	83	82	84	83	83	82	84	83	82	81.6
	MIN	71	72	68	69	70	69	69	68	73	72	68	72	74	74	73	73	73	71	71	71	72	73	73	71	73	70	71	73	71	73	73	71.4
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	84	83	84	82	81	83	79	80	82	84	83	85	83	85	85	84	85	85	86	85	81	84	85	85	86	83	86	85	83	84	85	83.7
	MIN	74	77	76	78	75	75	73	69	76	75	76	73	76	77	76	74	77	77	76	77	74	76	76	76	74	76	76	77	76	75	76	75.5
FALALOP I, ULITHI	MAX	85	85	85	85	85	85	84	84	84	84	86	85	86	86	88	88	88	88	88	88	88	88	88	88	88	84	86	86	86	86	86	86.2
	MIN	69	75	76	81	75	79	75	74	75	76	75	74	75	77	77	79	79	80	79	77	78	78	76	80	81	81	78	78	76	75	71	76.7
KAPINGAMARANGI ATOLL	MAX	90	90	87	88	89	90	89	88	89	90	90	90	88	89	89	88	89	89	89	85	88	89	85	84	87	84	91	85	85	84	86	87.9
	MIN	79	76	75	76	77	79	76	72	78	76	80	77	78	78	78	78	77	78	70	75	78	79	78	76	79	77	75	74	74	76	73	76.3
KOROR WSO	MAX	87	89	88	87	87	87	87	87	87	87	87	87	89	87	88	88	88	87	86	89	87	87	89	88	88	88	89	87	87	87	88	87.7
	MIN	77	77	74	77	78	76	75	75	76	75	74	73	73	75	76	76	75	75	74	75	75	75	73	73	73	74	74	73	72	73	74	74.7
KWAJALEIN WSO AP	MAX	83	85	86	85	86	83	84	85	86	86	86	87	86	87	86	86	86	85	86	86	87	84	86	86	86	85	87	86	86	88	86	85.7
	MIN	74	77	73	76	75	76	75	74	77	77	77	76	76	78	75	74	78	77	78	78	77	78	75	77	78	78	78	78	76	79	78	76.5
LELE I, KUSAIE	MAX	86	85	85	85	84	85	85	85	85	86	86	86	88	86	85	84	87	88	87	87	85	86	88	87	86	86	84	87	88	87	86	86.0
	MIN	72	71	70	71	70	70	71	71	71	72	72	72	73	72	71	79	72	80	73	77	71	72	74	68	72	72	69	72	80	73	72	72.4
MAJURO WSO AP	MAX	84	84	84	83	83	84	83	84	86	84	84	85	85	84	84	86	86	83	85	86	85	85	85	86	84	83	84	85	85	86	84	84.4
	MIN	78	78	76	77	76	74	76	78	78	76	77	78	79	79	77	79	76	77	78	78	78	79	76	79	78	78	77	77	75	78	76	77.3
METALANIM	MAX	87	85	87	85	87	85	85	85	85	88	87	88	87	86	85	82	85	89	87	86	86	87	87	88	87	87	88	87	86	87	87	86.5
	MIN	73	76	76	71	74	75	72	77	74	75	77	75	77	75	75	78	79	80	79	76	79	79	78	79	80	78	80	72	72	67	64	75.3
PONAPE WSO	MAX	85	87	84	87	84	85	85	85	87	87	89	88	88	84	81	87	87	85	85	87	87	88	86	88	88	89	86	87	86	88	89	86.4
	MIN	78	76	75	71	73	76	76	74	77	78	77	70	69	75	73	76	76	75	77	78	78	77	77	78	78	79	76	78	78	74	69	75.5
TRUK, MOEN I, WSO AP	MAX	85	85	85	86	84	85	85	86	85	86	86	86	86	85	85	86	86	86	86	86	85	85	85	86	85	86	85	86	86	85	85	85.5
	MIN	79	78	78	75	75	77	77	78	75	78	79	79	78	78	78	79	79	78	80	78	77	77	76	77	76	78	78	78	78	79	77	77.6
WOLEAI ATOLL	MAX	89	87	86	89	87	87	87	88	87	87	87	88	88	87	87	87	88	88	88	87	87	87	88	88	88	88	89	88	87	86	88	87.5
	MIN	75	73	75	74	75	74	75	74	75	75	75	75	75	76	77	75	76	76	76	75	75	75	74	74	74	75	76	75	73	75	75	74.9
YAP WSO AP	MAX	86	87	86	86	86	86	86	85	86	85	85	85	86	86	87	87	86	86	87	87	87	86	85	86	85	86	86	86	87	86	86	86.0
	MIN	75	76	76	76	78	77	74	73	70	72	72	71	70	73	76	75	75	74	74	76	77	73	71	73	70	70	70	70	69	72	74	73.3
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See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	29	E	03	91	76	72	89	2	11	4	0	1	0	18	59	-
HILO, HAWAII, WSO AP	20	0.7	6.1	16	E	05	86	81	68	83	4	8	8	2	0	0	22	52	6.2
HONOLULU, OAHU, WSO AP	5	6.1	10.6	33	NE	27	78	78	56	70	10	2	0	1	0	0	13	72	4.6
JOHNSTON ISLAND WSO AP	6	17.8	19.3	36	NE	25	78	77	71	75	12	11	3	0	0	0	26	61	5.4
KAHULUI, MAUI, WSO AP	5	7.6	10.7	27	NE	25	92	87	65	82	4	5	3	2	0	0	14	68	4.0
KOROR WSO AP	6	9.5	10.8	18	NE	20	84	87	76	69	4	10	3	2	0	0	19	69	7.3
KWAJALEIN WSO AP	6	16.1	16.4	31++	5	05	78	78	69	73	12	10	1	0	0	0	23	-	8.9
LIHUE, KAUAI, WSO AP	3	5.7	9.7	28	NE	28	83	83	66	80	4	8	3	0	0	0	15	51	5.2
MAJURO WSO AP	5	14.6	15.0	28	E	06	76	78	71	75	9	9	3	0	0	0	21	66	9.0
PAGO PAGO WSO AP	4	3.2	11.4	57	NE	01	86	86	76	81	2	4	9	5	2	4	26	56	8.3
PONAPE WSO AP	6	9.4	10.3	22	NE	05	79	79	73	73	6	12	6	2	0	0	26	80	8.2
TRUK, MOEN I, WSO AP	6	12.0	12.6	25	NE	20	80	80	73	74	11	9	4	0	0	0	24	62	8.5
WAKE WSO AP	8	11.0	15.0	34	NE	03	81	82	68	73	7	11	4	2	0	0	24	71	4.7
YAP WSO AP	-	-	-	20	NE	04	84	-	73	69	2	5	8	0	0	0	15	87	5.5

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.23	.17	.14	.19	.19	-	.16	.23	.10	.15	.12	.19	.16	.16	.17	.22	.28	.25	.14	.19	.26	.19	.21	.15	.18	.23	.25	.26	.20	.20	.24	6.028
	WIND	95	62	50	109	40	56	56	55	46	45	65	65	60	70	72	58	81	132	46	131	185	47	154	166	108	176	255	298	314	244	159	3500
	MAX	77	77	80	80	78	76	81	82	80	81	78	81	81	79	81	82	81	80	82	85	82	85	81	78	84	82	81	74	74	78	79	80.0
	MIN	51	51	58	66	63	63	59	58	58	58	59	58	57	57	57	58	59	61	62	62	65	59	59	65	66	64	62	61	61	62	60	60.0
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.04	.15	.15	.15	.05	.11	.02	.10	.10	.17	.15	.13	.19	.15	.15	.15	.15	.13	.15	.30	.10	.15	.15	.19	.24	.21	.20	.23	.24	.23	-	4.788
	WIND	28	2	7	9	0	5	8	3	3	21	12	13	15	6	3	1	5	6	7	10	14	12	4	15	12	15	17	32	24	25	13	347
	MAX	68	74	80	81	80	80	74	79	77	80	80	80	80	82	80	75	80	81	84	83	81	83	79	81	83	84	82	79	77	77	79	79.5
	MIN	52	52	55	63	62	62	61	60	62	59	57	57	58	56	56	56	57	56	59	58	59	58	58	61	61	62	60	58	67	68	58	59.0

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • •																																	
MERIDIAN																																	
JOHN WSO AP	EVAP	.37	.41	.49	.31	.27	.44	.31	.28	.32	.27	.23	.29	.27	.27	.23	.40	.30	.24	.32	.32	.30	.39	.41	.34	.41	.23	.69	.44	.35	.29	.30	9.29
	WIND	148	148	93	130	144	272	227	207	212	171	185	214	228	201	201	268	243	199	232	294	282	306	296	310	347	373	383	358	333	293	293	7860
	MAX	86	86	81	75	76	82	85	83	84	87	85	86	85	86	86	83	82	88	86	83	84	83	83	82	83	81	81	81	82	84	83	82.8
	MIN	69	69	69	70	68	71	73	70	72	68	69	71	70	71	72	70	70	71	70	70	71	69	70	69	71	70	70	70	70	71	71	69.7
• • •																																	
WESTERN PACIFIC ISLS NORTH OF 12 N																																	
GUAM WSO	EVAP	.31	.15	.21	.19	.21	.29	.26	.25	.07	.16	.13	.10	.19	.18	.09	.15	.19	.26	.21	.31	.25	.15	.25	.18	.26	.09	.12	.15	.11	.20	.27	5.94
	WIND	153	164	170	167	229	182	172	142	119	109	59	21	24	65	99	62	80	185	30	99	103	28	44	56	64	18	16	36	47	49	95	2887
	MAX	87	88	84	87	85	87	86	88	85	86	88	94	92	87	88	89	87	88	86	85	89	87	92	88	91	82	88	88	84	88	86	87.4
	MIN	68	71	73	71	72	68	71	70	70	71	71	70	69	68	70	69	70	70	69	70	66	70	71	68	65	66	66	66	64	66	70	69.0

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		6A		C	METCALF FARMS HI, INC
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAHIAWA MOUNTAIN 990	A	8949	02	KOLOA	2	21 58	159 31	2100		MO			MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20		5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25	8A	8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KAMEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775	A	6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			H S P A
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPAKULUA RES. 492.6		3561	02	MAKAWAO	1	20 55	156 18	640				C	EAST MAUI IRRIGATION CO
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			PEPEEKEO SUGAR CO.
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		VAR		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			PEPEEKEO SUGAR COMPANY
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	PEPEEKEO SUGAR CO.
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			CAPT COOK CATTLE CO
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830		7A		C	KAHUA RANCH

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P		J	USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEUNE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 5/3/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌅ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

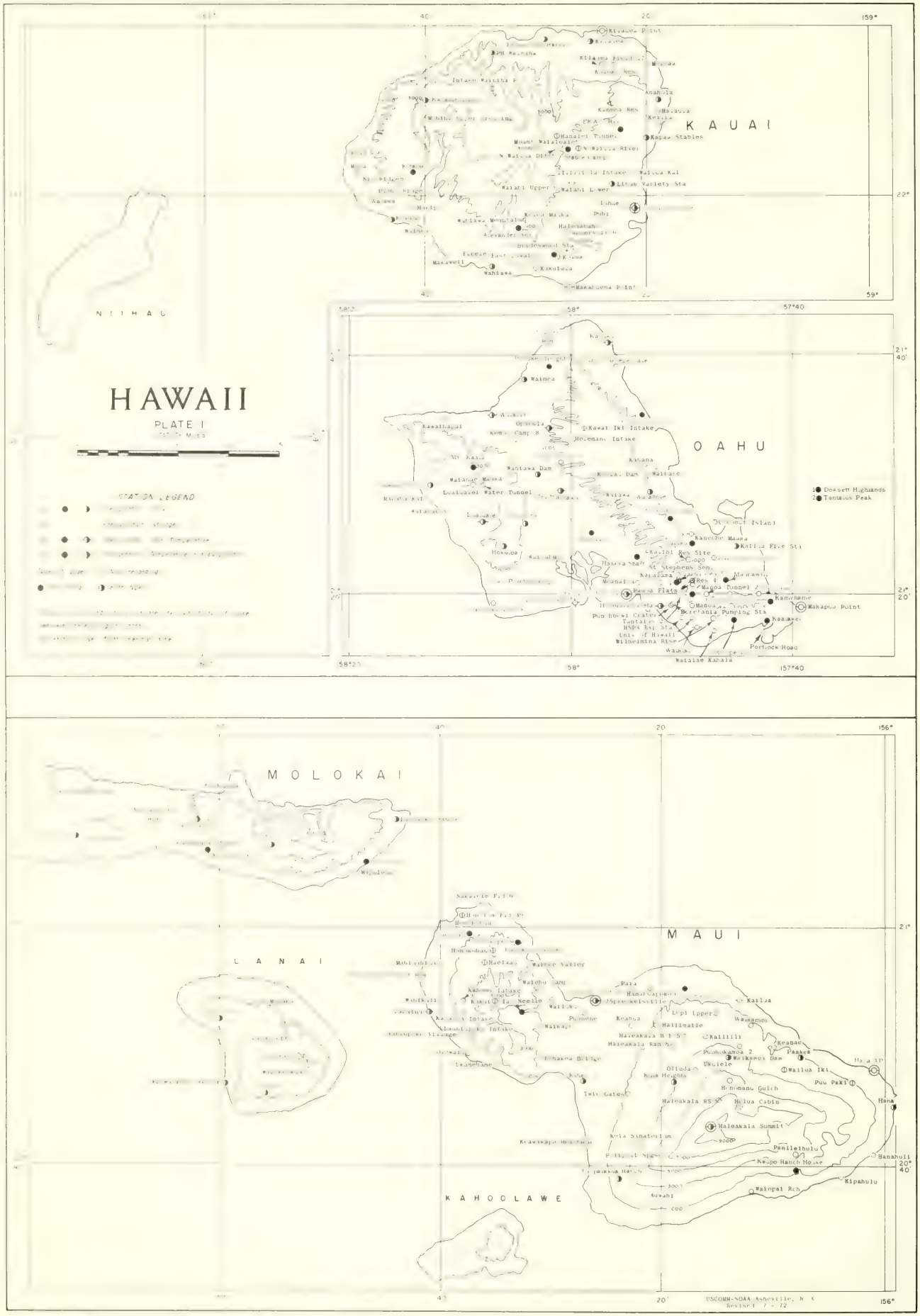
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

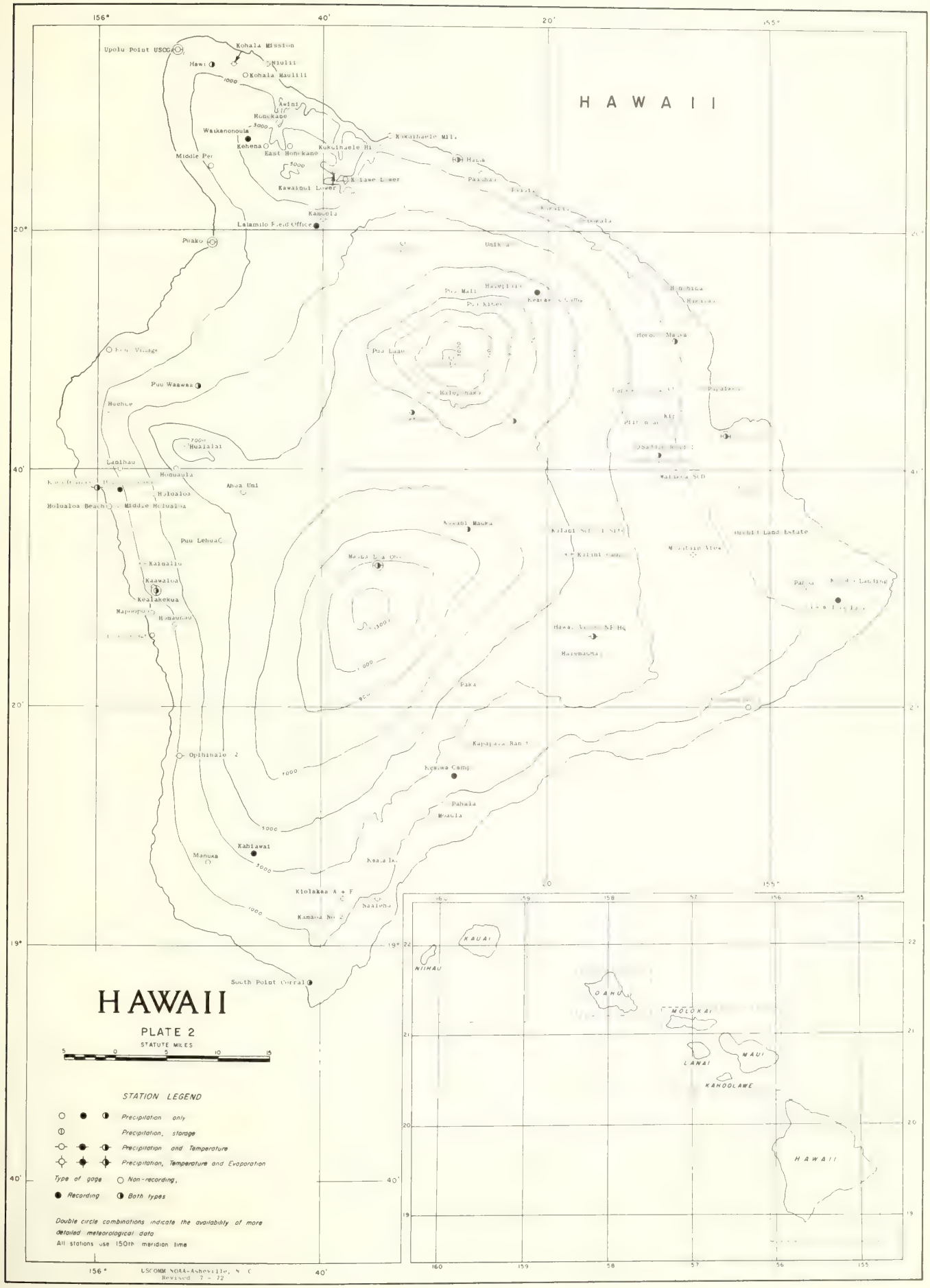
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

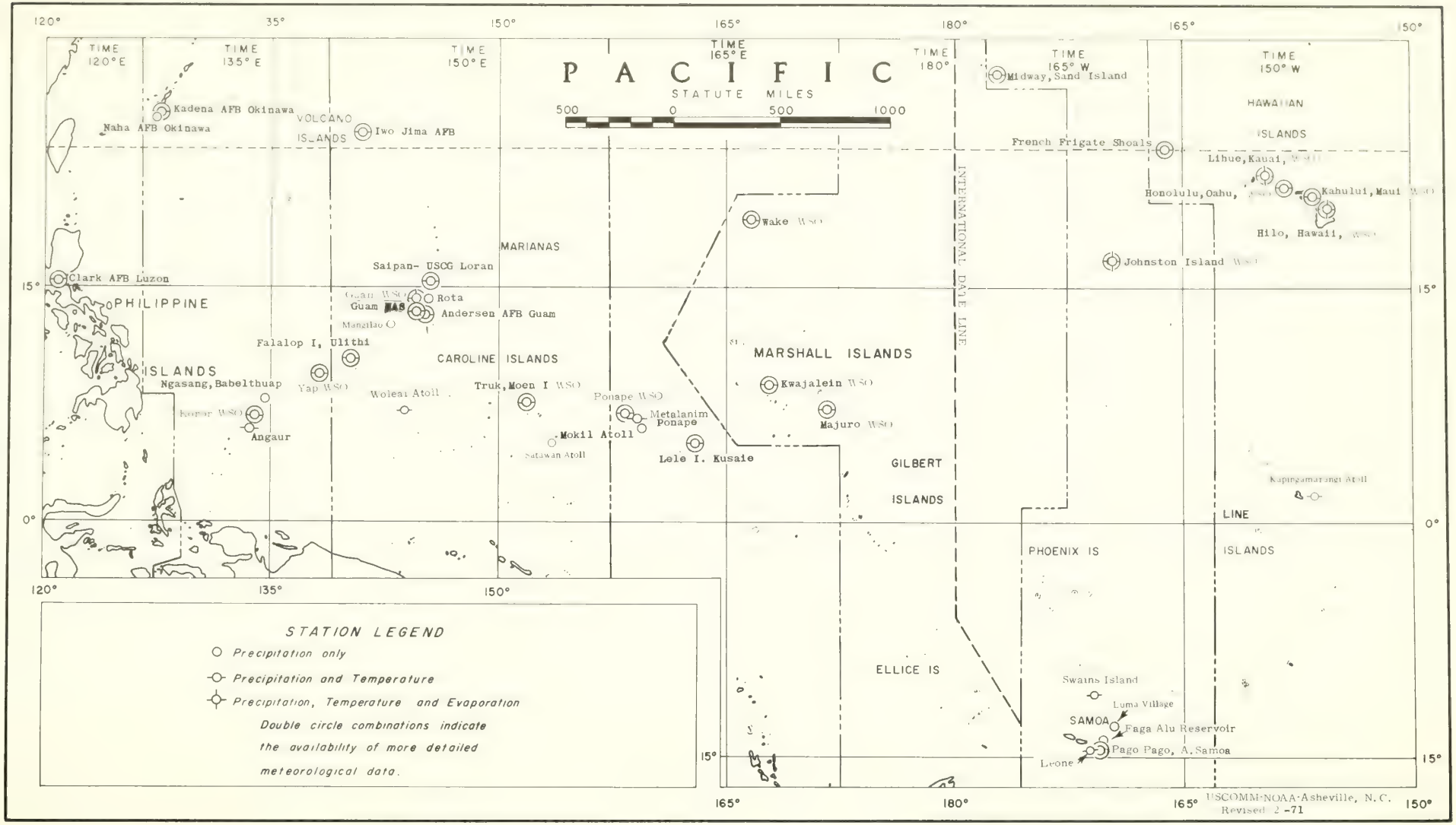
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

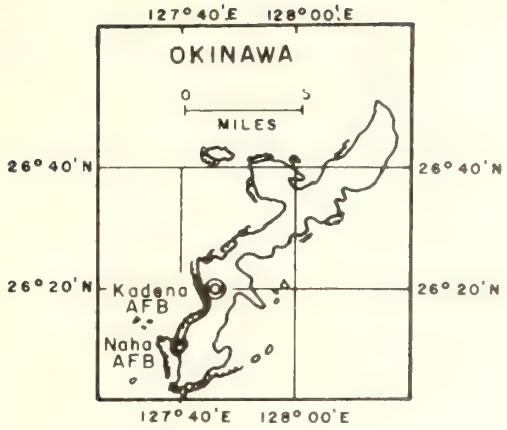
William H. Hoggard
Director, National Climatic Center

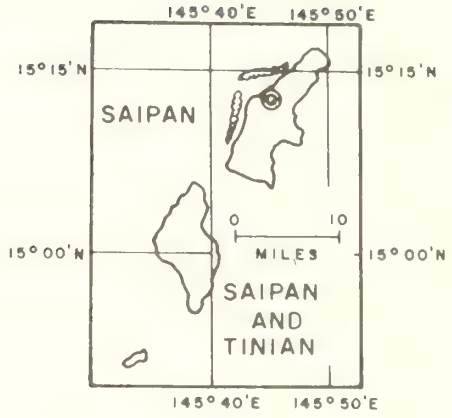

HAWAII
PLATE I
STATION LEGEND
NIIHAU
KAUAI
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
Kilauea Point
Anahola
Kapaa Stables
Lihue
Kekaha
Waimea
Kaneohe
Kailua Fire Sta
Kaneohe Mcas
Kaneohe Bay
Mokapu Point
Kaaawa
Portlock Road
Waialae Kahala
Dowsett Highlands
Tantalus Peak
Haleakala Summit
Kipahulu
Hana
Kaupo Ranch House
Waiopai Rch
Kula Heights
Olinda
Makawao
Paia
Kahului
Wailuku
Lahaina
Honolua
Honokohau
Honokowai
Kapalua
Nakalele Point
Waihee Valley
Iao Valley
Iao Intake
Waiehu Intake
Kahakuloa
Waihee Ridge
Waihee Intake
Waiehu Ditch
Waiehu Upper
Waiehu Lower
Waiehu Kai
Little Variety Sta
Kapaa
Wailua
Kilauea
Anahola
Kanoma Res
Hanalei
Kekaha
Waimea
Kawaihau
Opaeula
Kawaikoi Intake
Hoolehua Intake
Mt Kaala
Wahiawa Dam
Waialua
Kaena Point
Kaena
Waialua Aerodrome
Kaena Pt Site
Makua Tunnel 2
Makua Flats
Puu Hawaii Crater
Tantalus
HSPA Exp Sta
Univ of Hawaii
Wilhelmina Rise
Waialae
Kaimuki
Manoa
Punchbowl
Nuuanu
Pauoa Flats
Res 1
Res 4
Kaau Crater
Diamond Head
Kaimuki Res Site
Kaau Crater Rd
Kaneohe Marine Corps Air Station
Kaneohe Bay
Mokapu Point
Kaaawa
Kahuku Point
Kahuku
Kaena Point
Waialua
Haleiwa

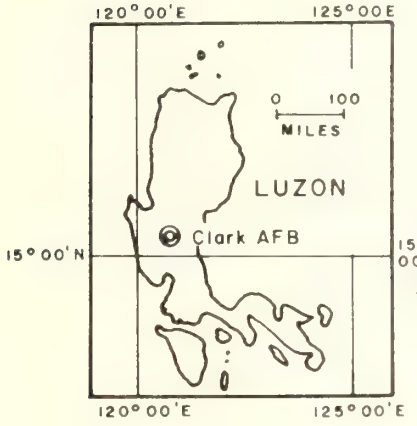

HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Mauliili
Awini
Honokane
Waikanonoula
Kehena
East Honokane
Kukuihaele Hi
Kukuihaele Mill
Middle Per
Hala
Kawaihui Lower
Kawaihui Lower
Kamuela
Lalamilo Field Office
Puako
Umikoa
Puu Mali
Hawi Fire
Puu Kihee
Kealakaa Camp
Honokaa
Hamakua
Puu Laau
Horo. Mauka
Puu Waawaa
Hale, naka
Papaikou
Huelue
Pittman
Klf
Hualalai
Waiakea Sch
Lalihau
Honuaula
Ahua Umi
Holualoa
Holualoa Beach
Middle Holualoa
Kainaliu Mauka
Kainaliu Sch
Mountain View
Puu Lehuac
Kainaliu
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Hawaii Volcanoes NP Hq
Hawaiimauna
Paka
Opihihale 2
Kapapala Ranch
Kipuka Camp
Pahala
Moaula
Kahilawai
Manuka
Keaala
Kiolakaa A + F
Naalehu
Kamaoa No 2
South Point Corral
HAWAII
PLATE 2
STATUTE MILES
5 0 5 10 15
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
USCOMM NOAA-Asheville, N C
Revised 7 - 72

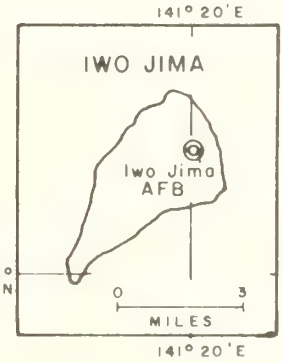


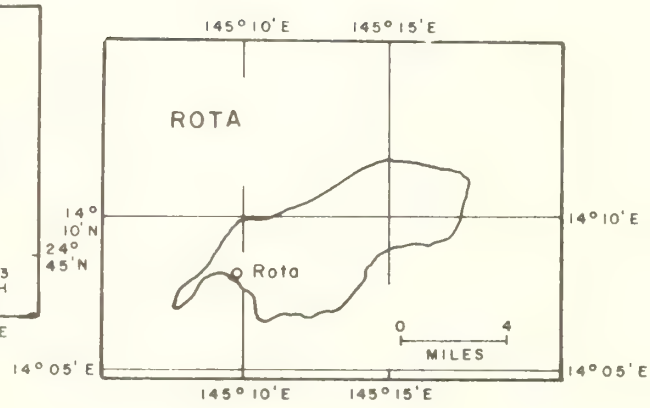
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Revised 2-71

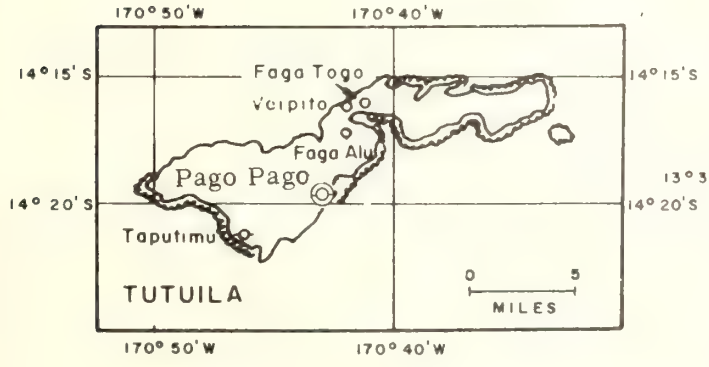

127°40'E
128°00'E
OKINAWA
0
5
MILES
26°40'N
26°20'N
Kadena AFB
Naha AFB

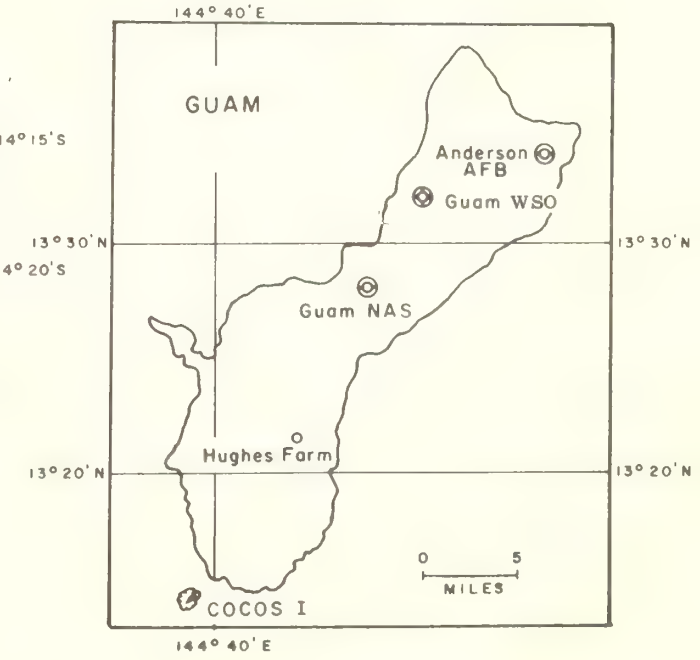

145°40'E
145°50'E
15°15'N
SAIPAN
0
10
MILES
15°00'N
SAIPAN AND TINIAN


120°00'E
125°00E
0
100
MILES
LUZON
Clark AFB
15°00'N

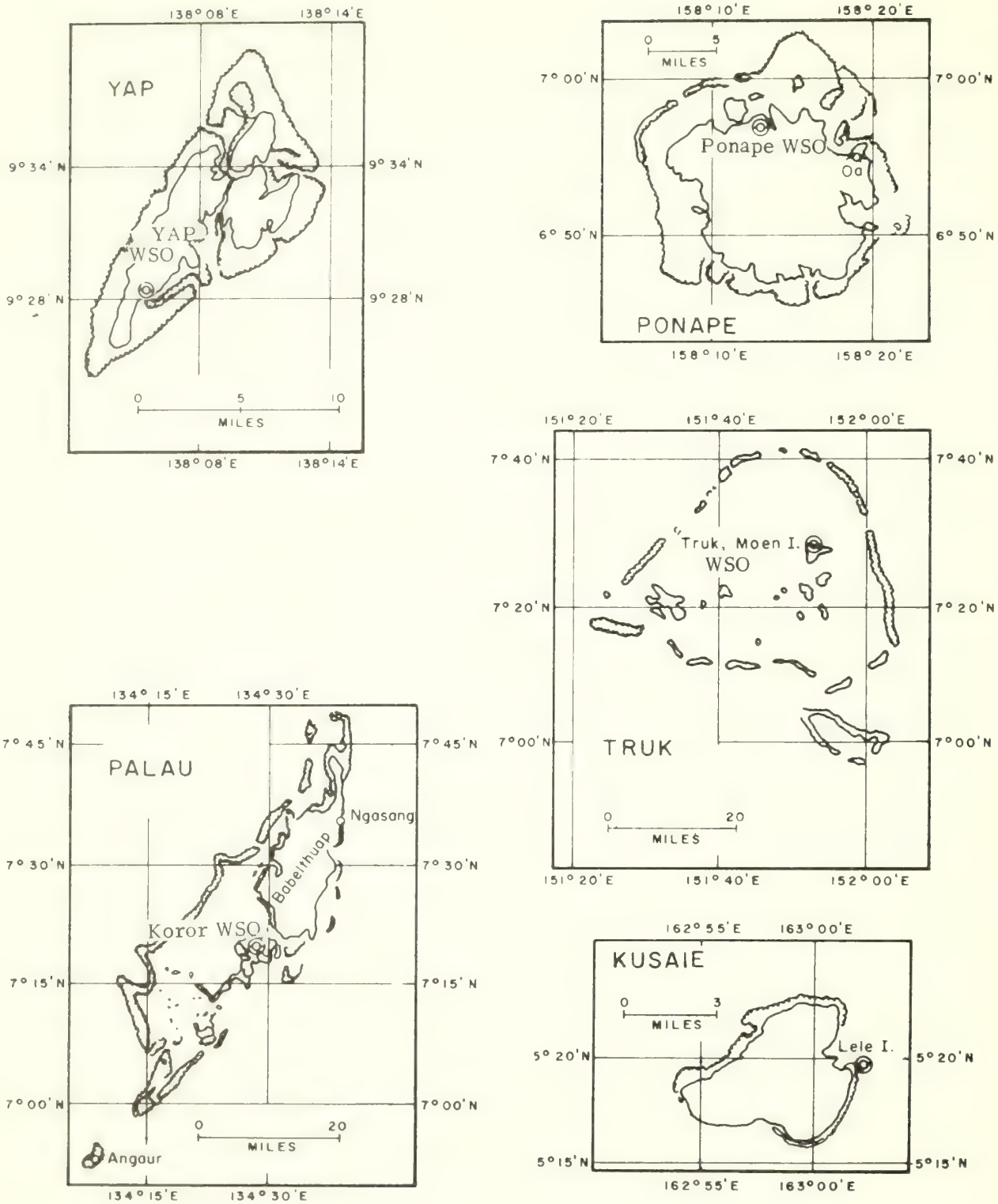

141°20'E
IWO JIMA
Iwo Jima AFB
0
3
MILES
24°45'N

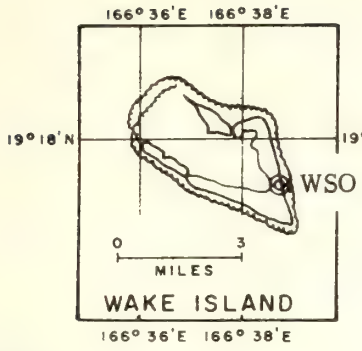

145°10'E
145°15'E
ROTA
Rota
0
4
MILES
14°10'N
14°05'E

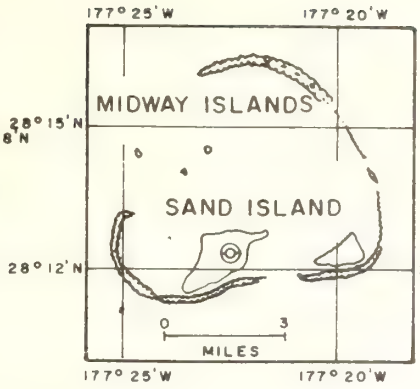

170°50'W
170°40'W
14°15'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
14°20'S
Taputimu
TUTUILA
0
5
MILES

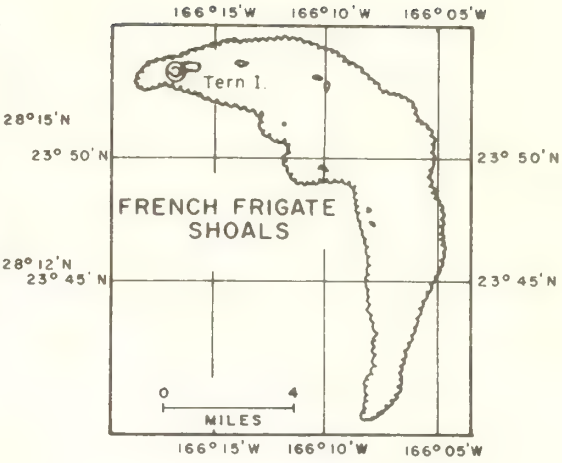

144°40'E
GUAM
Anderson AFB
Guam WSO
13°30'N
Guam NAS
Hughes Farm
13°20'N
0
5
MILES
COCOS I

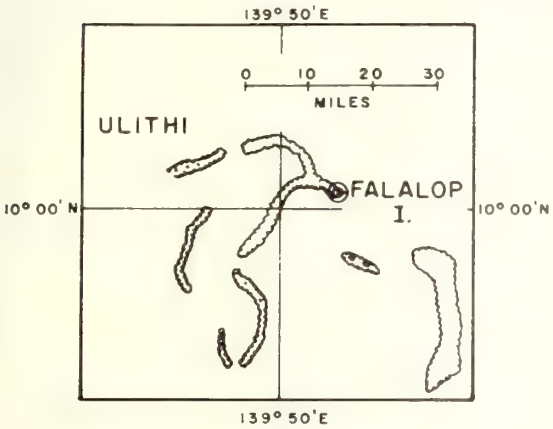
Reef

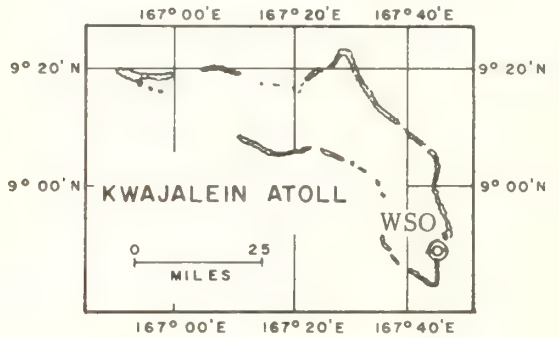

YAP
YAP WSO
138° 08' E
138° 14' E
9° 34' N
9° 28' N
0 5 10
MILES
Ponape WSO
Oa
PONAPE
158° 10' E
158° 20' E
7° 00' N
6° 50' N
0 5
MILES
Truk, Moen I.
WSO
TRUK
151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
0 20
MILES
PALAU
Ngasang
Babelthuap
Koror WSO
Angaur
134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
0 20
MILES
KUSAIE
Lele I.
162° 55' E
163° 00' E
5° 20' N
5° 15' N
0 3
MILES
Reef

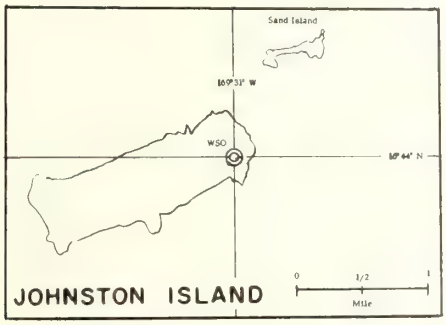

166° 36'E
166° 38'E
19° 18'N
WSO
0
3
MILES
WAKE ISLAND

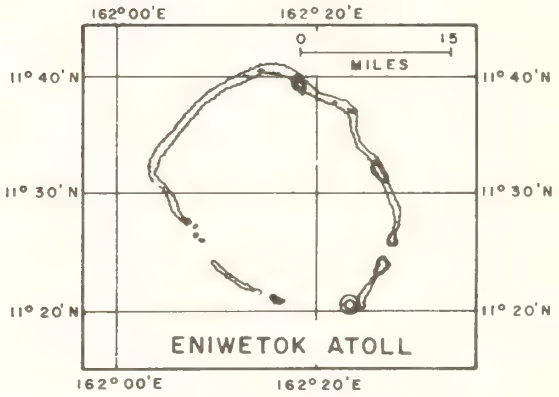

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

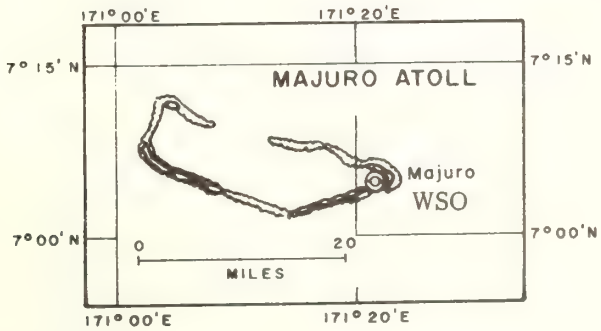

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0
25
MILES


Sand Island
WSO
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0
20
MILES

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HAWAII AND PACIFIC

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National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
88° ON THE 21ST AT LUALUALEI 804, OAHU

LOWEST TEMPERATURE:
28° ON THE 9TH AT 2 STATIONS

GREATEST TOTAL PRECIPITATION:
29.80 INCHES AT PUOHOKAMOA 2 343, MAUI

LEAST TOTAL PRECIPITATION:
.00 AT 20 STATIONS

GREATEST ONE DAY PRECIPITATION:
6.20 INCHES ON THE 20TH at INTAKE WAINIHA PC 1086, KAUAI

JUN 19

RUARY
1973
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No. 2
eville, N.C.
1973

H A W A I I - F E B R U A R Y 1 9 7 3

SPECIAL WEATHER SUMMARY

Hawaii's weather during February included only one brief reminder of the winter season; a swiftly-passing cold front whose accompanying showers did little to alleviate the widespread and deepening dry spell that enveloped the State.

Early in the month in southeastern Hawaii Island, one of the areas hardest hit by prolonged dry weather, the Kau Sugar Company began attempting to salvage up to 4,000 acres of parched sugarcane by harvesting it at the age of 12 to 14 months instead of the usual 20 to 24. Fields behind Naalehu town appeared to be worst off, but yellowing patches were spreading northward to Pahala. While domestic water supplies were still adequate, the Hawaiian Ranch Company had for several weeks been trucking water to its cattle.

On the 10th, brush fires fanned by gusty winds ate through 30 acres of tinder-dry underbrush on Wilhelmina Rise, Oahu. Two homes valued at $80,000 were destroyed and at least four others scorched and blistered.

On the 15th, the South Kona District from Captain Cook to Opihihale was declared a drought disaster area (residential sections of Waiakea-Uka and Puna had already been so designated on January 16) -- an action which permitted the Civil Defense Agency to haul water at low cost to affected households. And only a week later, on the 22d, the area thus designated was extended northward from Captain Cook to Kaupulehu and southward from Opihihale to Honomalino. Although rationing was not imposed, residents were asked to begin conserving water, especially during peak hours.

Sugar production was down also in the Pioneer Mill Company of western West Maui, plagued by persistently deficient rainfall. With mountain ditches running at only two-thirds of normal, water for irrigation was inadequate.

And by month's end papaya production in Puna, where 90 percent of the State's papaya is grown, was substantially down from drought and cool weather.

February's only reminder of the winter season occurred on the 20th, when a cold front moving in from the northwest swept entirely through the island chain in only 15 hours -- an unusually swift passage. The unaccustomed rain brought a spate of minor traffic accidents to Oahu's more heavily travelled highways, and there were electrical outages and minor damage from trees toppled by the accompanying strong winds. Rough waters left seven persons briefly stranded on Kapapa Island in Kaneohe Bay, Oahu.

The month included several other noteworthy weather events. The morning of the 5th was uncommonly cool, with Kahului, Maui, registering a temperature of 50°, its lowest of record for February. Shortly before noon on the 8th, what appears to have been a large dust devil swept through a beach area in Keawakapu on East Maui's western shore. Four persons lost personal belongings carried away by the wind, and suffered minor cuts and bruises from flying lawn furniture.

On the 11th, rough seas overturned one catamaran and caused another to be abandoned off Oahu's Waianae coast, but with no injuries or loss of life among the 12 people involved.

Despite the one interval of showery weather, almost every rain gage in the State reported well under its average for February. Rainfall totaled below half the monthly mean in most of eastern and northern Kauai and less than one-fourth in the southern coastal plain. The western coast

had little or none. On Oahu, rainfall approached, or slightly exceeded, its February mean only at a few mountain gages, but was under half its monthly average nearly everywhere else. Lanai was dry, with many gages reading below 10 percent of normal. On Molokai, only a mountain gage exceeded its February mean, while lowland areas were dry. Maui's rainfall distribution was much like that in January: very dry almost everywhere except in East Maui's windward mountain watersheds, and even there below normal at most gages. On the Big Island, only along slopes above Hilo and from Hamakua to Kohala did rainfall reach or exceed even half its February mean. Puna received between one-fourth and one-half its monthly average, while most of the Kona and Kau Districts had less than one-fourth and in many places below one-tenth their February means.

Stations With Less Rain in February 1973
than in Any Previous February

(15 years of record or more, only)

Station	Length of Period (Yrs.)	Previous Least February Total	February 1973
KAUAI			
Hukipo	33	Trace	0.00
Kekaha	79	Trace	0.00
Puehu Ridge	34	Trace	0.00
LANAI			
Kanepuu	19	0.31	0.23
Mahana	19	0.09	0.00
MAUI			
Ulupalakua Ranch	19	0.56	0.05
HAWAII			
Halemaumau	41	0.79	0.38
Huehue	70	0.07	0.00
Kaala-Iki	35	0.87	0.44
Kainaliu	43	0.10	0.09
Kealakekua	58	0.16	0.07
Lanihau	31	0.24	0.03
Middle Holualoa	31	0.02	0.00

Saul Price
Regional Climatologist for Pacific
National Weather Service Office
Honolulu, Hawaii 96811

P A C I F I C - F E B R U A R Y 1 9 7 3

SPECIAL WEATHER SUMMARY

The unrelenting dry spell reported on in the three previous issues of this publication continued its grip over the Western Pacific. At all stations except Wake and Guam, rainfall was less than half the average for February, and at Koror, Kwajalein, Majuro, and Yap it was less than one-fourth. In fact, Koror and Yap, having just experienced their driest Januaries in 23 and 24 years of record, respectively, now recorded their lowest rainfall in any month: 1.24 inches and 1.00 inch.

Water shortages were widespread, and on some islands of the Trust Territory water rationing had been imposed as early as the previous November. A more complete survey of the drought and its effects will appear in the March 1973 issue of this publication.

Rainfall for the five months, October 1972 through February 1973, is summarized in the table below.

RAINFALL FOR OCTOBER 1972 - FEBRUARY 1973

Station	Observed Total	Average for the Period	Observed Percent of Average	Months with Less Rainfall than in the Same Month of Any Previous Year
	(Inches)	(Inches)		
Guam	23.31	37.62	62	November
Johnston	8.28	13.75	60	
Koror	30.70	56.60	54	January, February*
Kwajalein	39.18	37.73	104	November, January
Majuro	44.47	57.74	77	November, January
Ponape	30.02	71.97	42	January
Truk	24.58	53.74	46	October
Wake	13.16	12.66	104	
Yap	23.27	47.01	50	October, January, February*

* -- Less rainfall than in any month of record

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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Min. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
HAWAII																							
* * * ISLAND OF KAUAI																							
ANAHOLA 1114	A																						
KANALOHULUHULU 1075		62.3	45.4	53.9		69	19	39	28+		0	0	0	0	2.11	- 3.35			.0	0				0
KAPAA STABLES 1104	A														5.34		1.86	20	.0	0		7	3	2
KILAUEA FIELD 17 1135	A														3.48		1.92	21	.0	0				1
KILAUEA POINT 1133		77.4	66.0	71.7		84	19	62	24		0	0	0	0	1.45		.48	24	.0	0		5	0	0
KOLOA 936	A														1.56	- 4.68	.39	14	.0	0		0	0	0
LIHUE WSO 1020.1 AP	//R	78.0	65.7	71.9	1.2	84	19	60	26		0	0	0	0	1.50	- 3.82	.71	20	.0	0		4	1	0
MANA 1026		79.9	59.3	69.6	- 1.4	86	20	55	25		0	0	0	0	.06	- 2.75	.06	20	.0	0		0	0	0
N WAILUA DITCH 1051	A														10.24		2.10	21	.0	0				
PH WAINIHA 1115															8.19	- 3.46	2.13	25	.0	0		11	4	3
PUEHU RIDGE 1040															.00		.00		.0	0		0	0	0
WAHIAWA 930	A														.51	- 3.75	.20	2	.0	0		3	0	0
WAIAHI LOWER 1054		75.6	56.3	66.0		82	16	48	26		0	0	0	0	3.83		.75	2	.0	0		13	1	0
WAIMEA 947															.00	- 3.40	.00		.0	0		0	0	0
ISLAND				66.6											2.94				.0					
* * * ISLAND OF OAHU																							
HONOLULU OBSERV 702.2															.45		.07	9+	.0	0		0	0	0
HONOLULU WSO 703 AP	R	80.3	64.9	72.6	.2	83	17+	59	5		0	0	0	0	.60	- 2.70	.19	3	.0	0		3	0	0
KAHUKU 912	A																		.0	0				
KANEOHE MAUKA 781		76.0	64.7	70.4	- .8	83	5	60	5		0	0	0	0	4.70	- 2.52	2.28	25	.0	0		9	2	1
KOOLAU DAM 833	A														4.64	- 4.40	.62	3	.0	0		17	3	0
LUALUALEI 804	A	81.1	63.1	72.1		88	21	57	25+		0	0	0	0	.83		.25	1	.0	0		0	0	0
MAKAPUU POINT 724		73.4	65.2M	69.3M		78	20+	58	22		0	0	0	0	.43	- 3.10	.25	25	.0	0		2	0	0
NUUANU RES 4 783															9.58	- 1.47	2.90	24	.0	0		14	4	3
OPAEULA 870	A	75.5	58.4	67.0	.3	82	20+	54	7		0	0	0	0	3.32	- 5.09	1.40	21	.0	0				
PALOLO VALLEY 718	R														12.38	1.38	4.54	24	.0	0		11	4	3
PRI WAHIAWA 820.2	A	76.6	58.2	67.4		83	20	53	6		0	0	0	0	1.16				.0	0			0	0
WAHIAWA DAM 863	A														1.29				.0	0				0
WAIAHOLE 837	A														11.17	- 1.95			.0	0				
WAILEE 896.3		76.3	65.1	70.7		81	20	61	5		0	0	0	0	1.97		.38	3	.0	0		8	0	0
WAILUA 847	A	76.2	59.2	67.7	- 2.5	83	17	55	28+		0	0	0	0	1.33	- 3.48	.40	4	.0	0		4	0	0
WAIKIKI 717.2		79.8	63.3	71.6		83	19+	57	15+		0	0	0	0	.88		.46	21	.0	0		2	0	0
WAIMANALO EXP FARM		77.2	64.4	70.8		81	21+	58	5		0	0	0	0	1.95		.99	25	.0	0		5	1	0
WAIPAHU 750	A														.34	- 3.35			.0	0			0	0
ISLAND				70.0											3.35				.0					
* * * ISLAND OF MOLOKAI																							
KUALAPUU 534	A														2.98	- .66			.0	0				0
MAPULEHU 542															1.97	- 2.13	.82	20	.0	0			1	0
MAUNALOA 511	A														1.32	- 1.76			.0	0			0	0
MOLOKAI AP 524		74.8	62.8	68.8		80	20	58	6+		0	0	0	0	1.25		.32	25	.0	0		5	0	0
ISLAND				68.8											1.88				.0					
* * * ISLAND OF LANAI																							
LANAI CITY 672	A	71.5M	54.9M	63.2M	- 2.3	78	20	47	22		0	0	0	0	.87	- 2.86			.0	0				0
ISLAND				63.2											.87				.0					
* * * ISLAND OF MAUI																							
HALEAKALA B E S 434	A														8.39	- .73	2.53	21	.0	0		10	3	3
HALEAKALA RS 338		58.1	36.6	47.4		70	18	31	15		0	0	3	0	3.39		1.48	9	.0	0		4	3	2
HANA AIRPORT 355		77.3M	62.8M	70.1M		80	15	58	24+		0	0	0	0			.30	25	.0	0			0	0
HONOKOHUA 493	A														2.31	- 1.43			.0	0				0
KAANAPALI AIRPORT		77.3	62.6M	70.0M		82	17	58	5		0	0	0	0	.94		.49	9	.0	0		3	0	0
KAHULUI WSO 398 AP	R	79.0	60.4	69.7	- 2.0	85	15	50	5		0	0	0	0	.81	- 1.73	.38	25	.0	0		3	0	0
KAILUA 446		72.8	60.2	66.5	- 1.6	76	22+	56	6		0	0	0	0	6.21	- 4.26	2.46	25	.0	0		12	2	2
KEANAE 346	A														19.30	- .11			.0	0				
KIPAHULU 258															2.77	- 6.16	.43	21	.0	0		11	0	0
KULA SANATORIUM 267		68.3	50.9	59.6	- 1.5	72	20	47	11		0	0	0	0	.05	- 3.83	.03	21	.0	0		0	0	0
LAHAINA 361		82.4	58.8	70.6		85	18+	56	11		0	0	0	0	.22	- 1.87	.15	9	.0	0		1	0	0
PAIA 406															1.90	- 1.66	.85	25	.0	0			1	0
WAILUKU 386	A	76.4M	62.2M	69.3M	- 2.0	83	16	58	5		0	0	0	0	1.26	- 2.59			.0	0				0
ISLAND				65.4											3.96				.0					
* * * ISLAND OF HAWAII																							
HAINA 214		74.9	61.7	68.3	- 1.2	79	21+	58	6		0	0	0	0	5.39	- 1.53	1.61	26	.0	0		10	2	2
HAWAII VOLCNS NP HQ 54		63.2	47.6	55.4	- 2.5	68	21	39	5		0	0	0	0	2.37	- 7.88	.38	26	.0	0		9	0	0
HILO WSO 87 AP	R	79.1	63.1	71.1	.5	83	20+	58	6+		0	0	0	0	5.51	- 7.43	2.48	25	.0	0		8	3	2
HUEHUE 92.1	A														.00	- 2.71	.00		.0	0		0	0	0

See Reference Notes Following Station Index

Station		Temperature												Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		75.1	57.6	66.4		78	2	55	14		0	0	0	0	.09	- 3.30	.03	4+	.0	0		0	0	0
KEAAU 92		76.1	60.5	68.3	- 2.0	80	21	56	6		0	0	0	0	5.62	- 7.81	1.95	26	.0	0		12	3	1
KEALAKEKUA 26.2		M	M	M							0	0	0	0	.07		.06	3	.0	0		0	0	0
KONA (KAILUA) 68.3	A	80.0	64.8	72.4		82	21+	61	9		0	0	0	0	.08		.07	2	.0	0		0	0	0
KUKUIHAELE HIC 199															7.28	- .03	2.16	26	.0	0		13	4	2
KULANI CAMP 79		58.4	40.4	49.4		64	19	32	5		0	0	1	0	2.86		.69	21	.0	0		8	2	0
PAHALA 21	A	77.6M	58.2M	67.9M	- .9	82	22+	55	6		0	0	0	0	.07	- 6.52	.03	3	.0	0		0	0	0
POHAKULOA 107	A														.00		.00		.0	0		0	0	0
PUAKO 95.1	A	81.4	63.4	72.4		85	27	59	23+		0	0	0	0	.00		.00		.0	0		0	0	0
PUU WAAWAA 94.1	A														.05	- 2.52	.05	3	.0	0		0	0	0
UMIKOA 118															11.51	.96	4.47	21	.0	0		10	5	3
WAIAKEA SCD 88.2															7.50		1.55	26	.0	0		14	5	2
ISLAND				65.7											3.03				.0					

See Reference Notes Following Station Index

Continued

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1973

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	R	89.1	76.6	82.9	- .1	94	2	71	15+		15	0	0	0	11.29	9.16	4.46	16	.0	0		8	8	3
FAGA ALU RESERVOIR															17.01		3.20	2	.0	0		19	12	6
JOHNSTON WSO AP	R	78.4	72.4	75.4	- 1.6	81	19	69	21+		0	0	0	0	.88	- .65	.24	20	.0	0		3	0	0
LEONE		91.7M	75.9M	83.8M		96	7	73	12		25	0	0	0	8.62		2.00	25	.0	0				3
FRENCH FRIGATE SHOALS		78.0M	65.5M	71.8M		81	7	62	25+		0	0	0	0	.84		.35	19	.0	0		3	0	0
LUMA VILLAGE															10.04		1.41	1	.0	0		14	7	6
MIDWAY SAND ISLAND		70.2	60.5	65.4		76	28+	54	19+		0	0	0	0	1.99		.53	3	.0	0		7	1	0
PAGO PAGO WSO AP	R	88.4	76.8	82.6		91	19	74	26		4	0	0	0	8.44		1.53	25	.0	0		15	6	3
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		80.6	74.5	77.6		82	28+	71	4		0	0	0	0	2.66		.64	11	.0	0		7	1	0
CLARK AFB LUZON		88.7	71.9	80.3		91	27+	66	5		14	0	0	0	.04		.03	18	.0	0		0	0	0
GUAM NAS		84.7	72.2	78.5		87	7	65	8		0	0	0	0	1.71		.38	11	.0	0		6	0	0
GUAM WSO	R	82.7	71.1	76.9	- 1.4	85	21	64	8		0	0	0	0	2.94	- .55	.56	11	.0	0		9	1	0
MANGILAO															3.21		.68	4	.0	0		7	2	0
ROTA															7.55		.87	10	.0	0		18	6	0
SAIPAN USCG LORAN		86.3M	72.0M	79.2M		89	26	62	8		0	0	0	0	1.75		.36	17	.0	0		7	0	0
WAKE WSO AP	R	81.4	70.2	75.8	- 1.3	84	28+	67	20+		0	0	0	0	1.71	.36	1.10	6	.0	0		4	1	1
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR																			.0	0				
ENIWETOK		84.9	74.7	79.8	- 1.1	91	2	68	4		1	0	0	0	.99	- .85	.20	5	.0	0		6	0	0
FALALOP I, ULITHI		85.5	76.9	81.2		86	28+	71	8		0	0	0	0	.70		.09	19	.0	0		0	0	0
KAPINGAMARANGI ATOLL		89.1	77.2M	83.2M		94	24				13	0	0	0	2.48		1.09	26	.0	0		5	2	1
KOROR WSO	R	88.1	75.0	81.6	1.3	90	26+	73	27+		2	0	0	0	1.24	- 5.89	.19	13	.0	0		5	0	0
KWAJALEIN WSO AP	R	86.6	77.0	81.8	1.8	88	28+	74	21+		0	0	0	0	.52	- 1.63	.13	6	.0	0		3	0	0
LELE I. KUSAIE		85.9	73.4M	79.7M		90	11+	69	7		2	0	0	0	8.44		2.42	25	.0	0		9	6	4
MAJURO WSO AP	R	85.6	77.9	81.8	1.4	87	27+	75	28+		0	0	0	0	1.84	- 6.71	1.11	28	.0	0		4	1	1
METALANIM		86.3	74.0	80.2		88	20+	64	5+		0	0	0	0	7.68		2.72	27	.0	0		9	5	2
MOKIL ATOLL															3.66		1.59	28	.0	0		5	2	2
NGASANG, BABELTHUAP															.48		.07	19+	.0	0		0	0	0
PONAPE WSO	R	86.4	75.0	80.7	.2	88	16+	68	5		0	0	0	0	3.70	- 6.04	.83	26	.0	0		10	3	0
SATAWAN ATOLL																	2.82	27	.0	0				
TRUK, MOEN I, WSO AP	R	85.1	77.3	81.2	.5	87	28+	75	19+		0	0	0	0	2.30	- 3.99	.65	8	.0	0		8	1	0
WOLEAI ATOLL		88.1	74.2M	81.2M		90	26+				4	0	0	0	1.35		.69	13	.0	0		2	1	0
YAP WSO AP	R	87.1	75.1	81.1	.7	88	24+	72	5+		0	0	0	0	1.00	- 3.64	.28	25	.0	0		3	0	0

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	2.11	.08	.10	•	•	.35			.05					.01	.03	.03	.06	•	•	.21	.05	.65		.10	•	•	.70			.02			
BARKERWOOD STA 985	A	1.08	.05	.37	•	•	.11	T		T	.05			T	.05	.07	.11	.04	•	•	.23	T	.01		T	•	•	.05						
EAST LIHUE 934	A	1.17	.11	.28	•	•	.12			.02	.09	•	•	.01	.05	.07	.14	T			T	T				•	•	.17						
ELEELE 927	A	.59	.04	.14											T	.10	.14	T				.05	.95		.12	•	•	.75						
HALAULA 1110	A	2.44	.10	.05	•	•	.30			.05							.07																
HALENANAMO 1006	A	1.71	.17	.12	•	•	.08		.04	.04	.05	•	•	.09	.03	.02	.12	.13	•	•	.26		.36		.03	•	•	.17						
HANAPEPE 949		.00																															
HANALEI #2 INTAKE 1050	A	7.17	.45	1.18	•	•	1.93		•	.26	.15	•	•	.03	.14	.07	.09	.20	•	•	.86	.56	.72		.04	•	•	.45	.02	.02				
INTAKE WAINIHA PC 1086	A	20.55	1.99	1.50	•	•	•	•	•	1.59	•	•	.16	•	•	•	•	.10	•	•	.10	6.20	1.71	•	1.30	•	5.85	•	•	.05	•		
KANALOHA MSO 1075		5.34	.03	.05	.06	.02				.23	.25				.01			.02	.03	.03		1.86	.76	.02	.31	1.24	.40	.01		.01			
KANEHA RESERVOIR 1092	A	9.13	.08	.42	•	•	.60		.05	.25	.10				.05	.03	.05	.06	•	•	.03		4.00	.03	.25	•	•	3.10	.03					
KAPAA STABLES 1104	A	3.48	.05	.15	•	•	.20		.04	.03								.20					1.92	.02	.10	•	•	.75	.01	.01				
KEALIA 1112	A	2.37	.10	.10	•	•	.28			.03					.02		.03					.25	.70		.12	•	•	.74						
KEKAHA 944		.00																															
KILAUEA 1134	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		1.45	.12	.12		.02		.01	.09					.01	.07		.02				.25	.05		.02	.12	.48		.07					
KOLO 1033		.37			.02																	.19	.05					.11					
KOLOA 936	A	1.56	.17	.25	•	•	.10			.15	.10					.39	.07	.05	•	•	.20	.09	.08										
KOLOA MAUKA 996	A	2.35	.16	.60	•	•	.12	.02	.02	.04	.11	•	•	.09	.09	.02	.23	.14	•	•	.31	.09	.11		.05	•	•	.15						
KOLOKO RES 1..37	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOKOLA 935	A	.82	.16	.23	•	•	.01			.03	.16			T	T	.07	.13	.01	•	•	.02		T										
LIHUE VARIETY STA	A	2.14	.15	.16	•	•	.10		.11	.03	.02	•	•	.04	.04			.05	•	•	.03	.44	.35		.07	•	•	.53			.02			
LIHUE 1020	A	1.45	.12	.05	•	•	.22			.02	.03	•	•	.01	.11	.01	.01	.02				.38	.23		.02	•	•	.22						
LIHUE WSO 1020.1 AP	AR	1.50	.05	.04	.12	.01	.63		T	.10				T	.01	.01		T	T			.71	T	.04	.05	.26				.07			
MAKAHUENA POINT 940.1		.51	.05	.06			.01			.15	.05	.05		.01		.06	.02		.01			.03				.01							
MAKAWELI 965	A	.26	.02												.02	.15	.05	.02															
MANA 1026		.06																				.06											
MOHIHI PR CROSS 1083	A	4.28	.17	.09					.09	.96						.09			.09	.09		.09		.52	.61	1.39				.09			
MOLOAA 1145	A	2.76	.04	.12	•	•	.19			.15					.09				•	•	.04	.78	.10		.09	•	•	1.11	.05					
MOUNT WAIALEALE 1047	R	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
NW RIDGE 1035		.13																				.05						.08					
N WAILUA DITCH 1051	A	10.24	.46	1.26	•	•	.30	.10	.16	.60	.26	•	•	.27	.10	.20	.25	.22	•	•	.78	1.12	2.10	.10	.36	•	•	1.30	.10					
PH WAINIHA 1115		8.19	.37	.22	.30	.10				.32	.22	.01			.01	.04		.03	.02	.01		.84	1.64	.02	.42	1.48	2.13	.01					
PRINCEVILLE RANCH 1117		3.17	.13	.30	.44	•	•	.01	.06	.07	.06	.01	•	•	.01	.07				•	•	.30	.08		.17	.48	•	•	.77	.01				
PUEHU RIDGE 1040		.00																															
PUKI 1013	A	1.69	.14	.10	•	•	.18			.02	.07	•	•	.03	.08		.09	.12	•	•	.11	.02	.41		.04	•	•	.28						
RESERVOIR 6 1004	A	2.36	.10	.65	•	•	.24	.02	.03	.05	.07	•	•	.04	.12	.05	.13	.17	•	•	.26	.15	.13		.03	•	•	.10	.02					
WAHIAWA 930	A	.51	.02	.20											.01	.11	.12	.01	•	•	.01	T				•	•	.03						
WAHIAWA MOUNTAIN 99	A	2.50	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.50			
WAIAHI LOWER 1054		3.83	.17	.75	.40	.23	.05		.03	.14	.11				.08		.10	.11	.22	.02		.24	.35		.04	.38	.41						
WAIAHI UPPER 1052		3.81	.20	1.10	.37	.05	.02		.02	.15	.16			.01	.09	.01	.09	.11	.23	.03		.40	.29	.02	.03	.31	.12						
WAILAWA 943		.04		.01																		.03											
WAILUA KAI 1065	A	2.50	.05	.04	•	•	.28		.02	.36	.02	•	•	.02	.10		.02	.02	•	•	.03		1.02		.14	•	•	.38						
WAIMEA 947		.00																															
WEST LOCH 931	A	.67	.07	.22			T			T	.04			T	.03	.08	.19	.01	•	•	.03												
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		1.02	.07			.10		.03	.10	.08	.15			T	.01	T	.03				.01		.31		.05	.03	.05						
CAMPBELL IND PK 702.5		.56						T		.06	.02						.12						.01	.07			.28						
CAMP 84 807	A	.75	.06	.06	•	•	.14	•	.05	.02	•	•	•	.03	.07								.11	•	.02	•	•	.17	•	•				
CHURCH COLLEGE LAIE		2.43		.07		.09	.02	.03	.31			.21								.02	.08	.41	.50	.06	.09	.21	.31			.02			
COCONUT ISLAND 840.1		1.35	.03	.01	.15			.03	.06	.06	.07				.05			.01		•	.07		.13		.07	.06	.50	.01		.04			
EWA PLANTATION 741		.59		.01	•	•	.05	.02	.01	.03	.06	•	•	.01			.03						.05	•	•	•	•	.32						
HELEMANO INTAKE 881	A	4.06	.25	•	•	•	1.13	•	•	.31	•	•	•	.46	•	•	.23	•	•	•	.26	•	•	•	.96	•	•	.46	•	•				
HONOLULU 725.2	A	1.24	•	•	•	•	.44	•	•	•	•	•	•	.35	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.45			
HONOLULU OBSERV 702.2		.45	.03	.01	.05			.01	.04	.07	.07						.06						.05			T	.06						
HONOLULU WSO 703 AP	R	.60	.05	.01	.19			.01	.12	.14	T			.01	T	T	T	T	T	T		.03	.01	T	.02	.01	T						
HONOLULU SUBSTA 704	R	.75		.05	.05	.10			.06		.02		.01		.02	.03						.21			.10	.10							
M S P & EXP STA 707		1.39	.04	.01	.06	.11		.01	.10	.13	.34			T	.02			T					.41		.03	.04	.09						
MAENA POINT 841.3		2.39	.01	.05	.06			.01		.41	.01			.04								.31	.04		.09	.65	.70		.01				
MANANA 883	A	12.96	•	•	•	•	4.47	•	•	•	•	•	•	.62	•	•	•	•	•	•	1.89	•	•	•	•	•	•	5.98	•	•				
MANUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
MAILUA FIRE STA 791.3		1.44	.05	.05	.19			.10		.16			T	•	.11					•	•	.04	•	.15	.06	.11	.42						
MALIHI RES SITE 777	R	11.78	.44	.32	1.00	.02		.20	.12	.28	.02			.28	.16	.04	.16	.06	.08	.10	.02	2.92		.08	.32	4.20	.86	.08	.04	.02			
MANOAHE MAUKA 781		4.70	.02	.22	.49	.07		.08	.04	.14	.22			.01	.02	.02		.04			.11		.53		.18	.17	2.28	.05		.01			
MAPALAMA 773	A	4.11	.35	.38	•	•	.43	.04	.09	.14	.20	•	•	.09	.13	.03		.10					.67		.18	•	•	1.30						
MAWAIHAPAI 841	A	1.83	.01	.04	•	•	.15			.01	.30			T	.03			.02					.61		.18	•	•	.48						
MAWAI INTAKE 880.2	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
MOMOO CAMP 8 855	A	2.12	.02	.16	•	•	.75			.03	.22	•	•	.02	.01			.12					.32		.01	•	•	.26						
MOOLAU DAM 833	A	4.84	.93	.52	.62	.11		.15	.04	.20	.28	.04		.18	.30	.11		.20	.20	.03		.15	.47	.02	.08	.13	.14	.14					
LOALOA FI 804	A	.83	.25	•	.05	.05		.05	.01	.05			•	.09	.05					•	•	.10		.05	.01		.06		.05				
LOALOA FI WTP TUNNEL	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
MAKAHA KAI 796.1	A	.60	T	.01	.02	.07		T	.02	.03	.06				T	.01	T						.33		T		.05						
MAKAHA PUMP 800.2	A	4.30			.01		.13			.30	.09				.02								2.75				1.00						
MAKAPUU POINT 724		.43															.04									.14	.29						
MANOA 712.1		4.41	.10	.12	.24	.41	.25	.02	.17	.12	.52			.09	.06								1.14	.02	.10	.18	.89	.01		.01			
MANOA TUNNEL 2 716	R	12.12	.34	.26	.60			.04	.44	.94	.06			.36	.04	.02	.12	.16	.18	.10		2.16			.42	3.66	1.90	.10	.08	.14			
MOANALUA 770		1.65	.13	.11	•	.46		.02	.07	.07	.20			•	.12	.01	.04	•	.04	.01			.20	T	.06	.05	.06						
NUUANU RES 4 783		9.58	.26	.16	.76		.02	.08	.12	.40				.12	.18	.04		.20	.12	.10		2.08			.30	2.90	1.54	.08	.04	.02			
NUUANU RESERVOIR 5 775	A	6.98	.12	.68	•	•	•	.68	.10	.22	.19	•	•	.25	•	.34			•	•	•	•	1.25	1.45	.20	•	•	1.50						
OPAEULA 870	A	3.32	.02	.05	•	•	1.05	.02	T	.02	.50			T	.02						T		1.40		.04	•	•	.20						
PALI GOLF COURSE 788.1		5.83	.20	.10	.42		.58	.12	.21	.20	.09			.02	.06	.04	.07	.15		.04	.07		.57		.10	.27	2.97	.05					
PAUOLO VALLEY 718	R	12.38	.24	.02	.94			.08	.30	.44				.20	.04		.10	.04	.06	.08	.02	2.74			.28	4.94	2.04	.10	.04	.08			
PAUOA FLATS 786	R	11.82	.62	.34	.86	.02		.18	.34	.60	.04			.40	.28	.06	.18	.10	.18	.20		2.20	.02	.04	.28	3.68	1.02	.08	.02	.08			
PERKINS ROAD 724.4		1.15	•	•	•	•	•	.03		.01				.03		T			T			•	.16		.03	.61	.28						
PRI WAHIAWA 820.2	A	1.16	.08	.27	•	•	.43	.01	.04	.02	.07	•	•	.01	.02	.01		.05					.14		.01								
PUNCHBOWL CRATER 709	R	1.75	.04	.04	.06	.15	.02	.03	.10	.07	.05	.10		.04	.04	.02	.02		.01			.20	.53	.01		.09	.11		.02				
ST STEPHENS SPM 788		5.13	.02	.04	.33	.09		.11	.15	.08	.17		T		.04	T	T		T	.01	.07		.56		.04	.24	3.17	T	T	.01			
TANTALUS 2 780.5		6.56	.22	.59	.34	.35		.08	.35	.13	.36			.19	.39	.15	.03	.23	.02	.11	T		1.71	.02	.11	.16	1.06	T		T			
UNIV OF HAWAII 713	A	2.45	.05	.01	•	•	.31	.01	.05	.11	.35			T	.04		.03						.77		.14	•	•	.58						
UPPER WAHIAWA 874.3		3.78	.50	1.10	.11	.47		.02	.05	.08	.43	.03			.27	.13	T	.13	T	.05			.26		.07	.03	.05						
WAHIAWA DAM 863	A	1.29	•	•	•	•	.43			.14	.13	•	•	.01	.01	.01		.22					.19		.02	•	•	.03						
WAIAHOLE 837	A	11.17	.09	.08	•	•	1.61	.07	.19		.21	•	•	.02	.49	.22	.04	.15	•	•	.24		3.26	•	.06	•	•	3.98	.21	.25				
WAIALAE KAHALA 715		.90	.04	T	.01	T		.02	.02	T	.04	T					T				T	.55	T		.04	.07	.11	T		T			
WAIALAE 896.3		1.97		.28	.38	.02				.17	.23				.08	.17							.36		.02	.12	.11			.03			
WAIALUA 847	A	1.33	.01	.03		.40				T	.23				.02			.02					.20	T	.01	.04	.37						
WAIANAE 798.2	A	.58		T	.10	.09			.01	.02	.04				.01			T					.25		T		.06						
WAIANAE MAUKA 803	A	3.02	•	•	.17	•	•	•	.50	•	•	.25	•	•	•	.18	•	•	.03	•	•	•	.18	•	•	.26	•	•	•	1.45			
WAIAWA 830	A	5.53	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5.53			
WAIKANE 885	A	12.15	•	•	•	•	•	2.09	•	•	•	•	•	.46	•	•	•	•	•	•	•	•	•	•	•	•	•	8.76	•	•				
WAIKIKI 717.2		.88	T	T	.02		T	T	.01	.02	.06	T						.01					.46	T	.08	.06	.16						
WAIMANALO EXP FARM		1.95	.01		.38	.01		.07	.10						.04	.04		.01			.05		.12			.12	.99						
WAIMEA 892	A	3.42	.15	.28	•	•	.40			.04	.68			T	.07	.03		.08	•	•	.05		.46		.03	•	•	1.05	•	•				
WAIPAHU 780	A	.34		.02	•	•	.14	.01		.02	.05						.02		•	•	.02		.05			•	•	.01						
WILHELMINA RISE 721	R	3.58	.02	.02	.70			.06	.10	.30	.12											1.00	.04		.10	.94	.16			.02			

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																	
ISLAND OF MOLOKAI																																	
KALAUPAPA 563	A	3.63	.05	.02			.04	.12	.08	.07	.26	.02		.03	.12	.13	.05							.20	.05	.35	.12	1.83	.09				
KAUNAKAKAI 536	A	.23									.02														.21								
KEONELELE PENS 551	A	.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75	*			
KUALAPUU 534	A	2.98	.01	.01					.06	T	.79	*	*	.08	.16	.37	T						.29		.29	*	*	.92					
MAPULEHU 542		1.97	.25		*	*	*	*	*	*	*	.20	.01	.04	.03	.06			.07	.08		.82		.01	.01	.06	.03	.30					
MAUNALOA 511	A	1.32									.09				.01								.44		.30	*	*	.48					
MOLOKAI AP 524		1.23		T					T	T	.31	T			T	.22	T						.08		.18	.14	.32	T		T			
PUUOHOKU RANCH 542.1		1.27	.03	.01	.02						.07				.40				.01	.11			.07		.21	*	*	.34					
WAIKOLU 540	A	17.34	*	*	*	*	*	1.17	*	*	*	*	*	*	3.35	*	*	*	*	*	*	.50	*	*	*	*	*	*	12.32	*			
* * *																																	
ISLAND OF LANAI																																	
KANEPUU 690	A	.23																*	*	*	*	*	*	.23	*	*	*	*	*	*			
KAUMALAPAU HARBOR 658	A	.00																															
LANAI CITY 672	A	.87	.03							.01					.05								.21			*	.57					
LANAIHALE 684	A	1.70	*	*	*	*	*	*	*	.08	*	*	*	*	*	*	.12	*	*	*	*	*	*	*	*	*	*	*	*	1.50			
MAHANA 694	A	.00																							*	*	*	*	*	*			
MALAUEA 676	A	.00																							*	*	*	*	*	*			
WAIAKEAKUA 685	A	.78	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21	*	*	*	*	*	*	*	*	*	*	*	*	.57			
* * *																																	
ISLAND OF MAUI																																	
AUWAHI-252	A	.65								.45							.10	.10															
HALEAKALA B E S 434	A	8.39	.10			.06				.40	1.90	.37	.02		.30	.02							2.53	.02	.10	.15	2.00	.40	.02				
HALEAKALA RANCH 432	A	5.24	*	*	*	*	*	*	*	.25	1.79	*	*	*	*	*	*	*	*	*	*	*	2.00	*	*	*	*	1.20	*	*			
HALEAKALA RS 338		3.39	.03	.02	.03	.02			T	T	1.48	.30	T	T									1.12	T			.29	.02	.08	T			
HALEAKALA SUMMIT 338.4	A	.29						.02			.16												.07				.04						
HALIIMAILE 423	A	3.77	.06							.14	.75	*	*	.05	.09	.06							1.06	.06	.04	*	*	1.41	.03				
HAMAKUAPOKO 485		3.04	.26	.10	.04		.01			.09	.35	.08		.09	.10	.01			.03	.04			.11	.01	.09	.13	.80	.68	.02				
HANA 354	A	1.79						.04	.15	.01	.06	.21	*	.08	.02	.02		.04	.24			.05				.12	*	.75					
HANA AIRPORT 355		-	.09	.06							.25	.03		T	.05	.06	.06	-	.04	.14	.03	T	.03		.03	.03	.30	.22	T				
HANAHULI 281		5.27		.06	.05				.18	.24			.08	.14				.14	.18	.15			3.04	T		.04	.58	.19	.20				
HOLUA CABIN 259.5	A	2.89	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.79	*	*	*	*	*	*	1.10	*	*	*			
HONOKOHAU 480	A	11.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.55			
HONOKOHUA 493	A	2.31	.16	.04	*	*	.16			.05	.47				.06	.08		*	*	*	*	*	.24	*	.16	*	*	.73	.16				
HONOMANU GULCH 341	A	8.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.60			
KAANAPALI AIRPORT		.94		T						.01	.49	.01			T	T							.20		.08	.01	.13	.01					
KAHOMA INTAKE 374	A	2.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.80			
KAHULUI WSO 398 AP	R	.81	.01	T				T	.01	.12	.04			T	T							.01	.02		.03	.19	.38						
KAILILI 436	A	12.13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.13			
KAILUA 446		6.21	.19	.26	.19	.10				.08	.30	.09	.02	.02	.02	.11		.03	.06	.02			.14		.13	.13	2.46	1.72	.10	.04			
KAUAULA INTAKE 375	A	2.09	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.09			
KEAHUA 410		2.01								.08	.53	.09			.02								.80		.01	.02	.38	.08	T				
KEANAE 346	A	19.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.30			
KEAWAKAPU BEACH 260.2		.00																															
KIHEI 311		.27								.01	.08												.10		.01			.07					
KIPAHULU 258		2.77	.21	.12		.20					.36				.29	.15		.03		.24	.20		.43				.35		.19				
KULA HEIGHTS 323.2		1.25									.49	.04											.64				.06	.02					
KULA SANATORIUM 267		.05															T				.02		.03										
LAHAINA 361		.22									.15												.07										
LAUNIUPOKO INTAKE 376	A	2.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.20			
LAUNIUPOKO VILLAGE 372	A	.00																															
LUPI UPPER 442	A	11.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.20			
MAHINAHINA 466	A	3.04	.10	.03							.70												1.17				.72	.32					
NAKALELE -FLD 60-497	A	1.32	*	*	*	*	.09	*	*	*	*	*	*	.35	*	*	*	*	*	*	.37	*	*	*	*	*	*	.51	*	*			
OLINDA 332	A	5.20	T							.02	2.28	*	*	.34	T	T	T		*	*	*	*	2.00		T	*	*	.55	.01	T			
OLOWALU 296		.03									.03																						
PAAKEA 350		15.64	.53	.26	.42	.35				.13	.74	.56	.02		.17	.32		.04		.15	.09		2.47		.08	.62	5.21	2.97	.43	.08			
PAIA 406		1.90	.11	.03	*	*	*	*	.01	.05	.25	.07		.02	.11	T	*	*	*	*	*	*	.15	.01	.02	.02	.85	.19	.01				
PANILEIHULU 259.2	A	1.65	*	*	*	*	*	*	*	*	*	*	*	*	*	.83	*	*	*	*	*	*	.15	*	*	*	*	*	*	.82			
POHAKEA BRIDGE 307.2	A	1.12	*	*	*	*	*	*	*	.08	.02	*	*	*	*	*	*	*	*	*	*	*	.80	*	.01	.04	.15	.02	*	*			
POLIPOLI SPRINGS 267.2	A	.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15			
PUOHOKAMOA 2 343	A	29.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	29.80			
PUUNENE 396		.81	T							.02	.18												.12		.01	T	.47	.01					
SPRECKELSVILLE 400.2		.85	.02						T	.10	.02	.04			.01								.07	T			.52	.07	T				
TWIN GATES 261.3	A	.00																															
UKULELE 333	A	7.66	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.66			
UKUMEHAME 301	A	.00																															
ULUPALAKUA RANCH 250		.05																								.02	*	.03					
WAHIKULI 364	A	.86									.46												.34					.06					
WAIEHU CAMP 484	A	2.04	.08	T	*	*	*	*	*	*	.35	.03			T	*	*	*	*	*	*	*	.14	*	.18	.46	.55	.25	*	*			
WAIHEE VALLEY 482	A	1.79	.11	.05	*	*	*	*	*	*	.40	.08	*	*	.07	*	*	*	*	*	*	*	.32	*	.10	.21	.32	.13	*	*			
WAIKAMOI 449	A	11.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.30			
WAIKAMOI DAM 336	A	20.31	.46	.09	*	*	.84	T	.01	.29	5.24	*	*	.95	.51	.05	.01	.02	*	*	*	.14	5.47	.06	.11	*	*	3.62	.35	.09			
WAIKAPU 390	A	1.36	*	*	*	*	*	*	*	.08	.23	*	*	*	*	*	*	*	*	*	*	*	.25	*	.05	.08	.63	.04	*	*			
WAILUKU 386	A	1.26	.02							.06	.22	*	*	.01									.07		.11	*	*	.76	.01				
WAIOPAI RANCH 256	A	.00																															
* * *																																	
ISLAND OF HAWAII																																	
AHUA UMI 75	A	3.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.00			
AWINI 182.1	A	9.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.68	*	*	*	*	*	*	*	*	*	*	*	6.60			
CITY OF REFUGE 27.4		1.06		.02	.90	.14																											
EAST HONOKANE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*			
HAINA 214		5.39	.30	.01	.13	.02			.04	.03	.09	.15	.02		.22								.49	.26	.06	.45	1.12	1.61	.38	.01			
HAKALAU 142		7.78	.38	.14	.01	.01			.02	.02		.08		.06	.03	.15		.11	.01	.02		.03	.06	.14		.25	2.26	3.25	.72	.03			
HALEMAUMAU 52	A	.38	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.16	*	*	*	*	*	*	*	*	*	*	*	*	.22			
HALEPIULA 117	A	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00			
HALEPOHAKU 111	A	.02																									.02			T			
HAWAII VOLCNS NP HQ 54		2.37	.07	.10	.35	.01		T	T		.09	.09	.01		.10	.09	.01	.08	.12	.13	.05	.06	.27	.01		.05	.02	.38	.18	.10			
HAWI 168	A	3.08	.14	.05	*	*	.04	.04	.05	.02	.14	*	*	.02	.02	.03		.01	*	*	.05				.21	*	*	2.20	.03	.03			
HILO COUNTRY CLUB 86.6		8.74	.59	.20	.76	.04				.08	.02	.33	.52	.03	T	.71	.42		.12	.06	.15	.06	.18	1.38	.12	.07	.14	1.76	.85	.15			
HILO WSO 87 AP	R	5.51	.62	T	.19	T		.03	T	T	.02	.04		.08	.44	.01	.04	.05	.10	.06	T	T	.10		.10	.02	2.48	1.02	.04	.07			
HOLUALOA 70	A	.04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04			
HOLUALOA BEACH 68	A	.00																															
HONAUNAU 27		.32		.32																													
HONOHINA 137		8.54	.30	.15	.01				.07	.16		.05			.15	.41		.16	.01	.01		.04	.02	.25		.25	1.85	3.50	1.12	.03			
HONOKAA 181.1	A	16.34	*	*	*	*	*	*	*	11.70	*	*	*	*	*	*	*	2.64	*	*	*	*	*	*	*	*	*	*	*	*			
HONOMU MAUKA 138		12.36	.85	.27	.36	.06			.13	.02	.03	.22	.01	.01	.79	.58		.12	.10	.01	.01	.07	1.07	.59		.35	1.68	4.12	.88	.03			
HONUAULA 71	A	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02			
HUALALAI 72	A	.00																															
HUEHUE 92.1	A	.00																	*	*	*	*	*	*	.26	*	*	*	*	*			
KAALA IKI 12	A	.44	*	*	*	*	.18																	T			T						
KAAWALOA 29	A	1.06		.06	*	*	1.00															T											
KAINALIU 73.2		.09		.03	.01	.03													.02														
KALAPANA NO 1 67.8		1.97	.09		.81	T								.01	.05	.12	.02	.03	.32	.04	.11		.21	.04	.06			.06					
KAMAOA NO 2 5	A	.87	*	*	*	.05	*	*	*	*	*	*	.04	*	*	*	*	*	*	*	.34	*	*	*	*	*	.44	*	*	*			
KAMUELA 192.2		2.48	.04	.02	.02				.01		.45	.34		.01	.02			.03					.95	.22	.01	.11	.06	.09	.10				
KAPAPALA RANCH 36	A	.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	*	*	*	*	*	.25	*	*	*			
KAPOHO LANDING 93.5	A	2.60	*	.96	*	*	*	*	*	*	.39	*	*	*	*	*	*	.30	*	*	*	*	*	*	.95	*	*	*	*	*			
KAWAINUI LOWER 193	A	44.43	*	10.15	*	*	*	*	*	*	18.62	*	*	*	*	*	*	.28	*	*	*	*	*	*	15.38	*	*	*	*	*			
KEAAU 92		5.62	.37	.08	.50						.06	.04			.12	.35	.02	.11	.02	.13	.04	.06	.18	.38		.11	.38	1.95	.67	.05			

See reference notes following Station Index

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1973

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		.07		T	.06	.01		T																							
KEMENA 180.2	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•			
KIOLAKAA A C P 6	A	1.55	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.55	•			
KIPA 89.2	A	11.01	1.20	.60	.25	.08			.06	.02	.35	.65	.01	.01	.73	.30	.01	.12	.18	.10	.02	.20	2.00	.15		.06	.40	2.47	.81	.23			
KOHALA MAUKA 176	A	4.37	.48		•	•	.02		.12	.05	.10	•	•	.12	.03	.01		.01					.05	.03	.04	•	•	3.20	.10	.01			
KOHALA MISSION 175..		4.12	.34	T	T	.01	T		.11	.04	.24	.02		.02	.03	T		.01	.01				.01	T	.04	.35	.91	1.86	.12				
KOIAHE LOWER 19A	A	15.40	•	5.80	•	•	•	•	•	•	4.20	•	•	•	•	•	•	.20	•	•	•	•	•	•	5.20	•	•	•	•	•			
KONA HAIKUA 68.3	A	.08		.07																				.01								
KONA VILLAGE 93.8		.00																														
KUKAIAU 222		6.36	.08	.66				.01	.01	.06	.42			.48								.70	.41		.30	.65	1.26	1.17	.03	.32			
KUKUIHAELE MTC 199		7.28	.28		.11				.10	.06	.11	.73	.06		.14			.10					.71	.44		.42	1.40	2.16	.46				
KUKUIHAELE MILL 206	A	5.20	.21	.01	•	•	.01		.09	.08	.12	•	•	.23	.09								.18	.11	.01	•	•	3.52	.53	.01			
KULANI CAMP 79		2.86	.10	.08	.07	.03					.04	.20		.18	.18	.10		.09	.06	.05			.69	.05		.03	.07	.55	.23	.06			
KULANI MAUKA 76	A	.37									•	•	•	.11								•	•	•	•	•	.26	•	•			
KULANI SCHOOL SITE 78	A	3.97	•	•	2.54	•	•	•	•	•	•	.49	•	•	•	•	•	•	.30	•	•	•	•	•	•	.64	•	•	•	•			
LANIMAU 68.2		.03		.03																												
MAKAMAKAU 103		4.98									.85			.42				.08					1.70	.68		.68		.32	.25			
MANUKA 2	A	.90	•	•	•	•	.40																.30	T								
MAUNA KEA OBS 111.2		.00																														
MAUNA LOA SLOPE OBS		.00																														
MIDDLE HOLUALOA 68.1	A	.00																														
MIDDLE PEN 147.1	A	.21	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.21	•	•		
MOAULA 18	A	.00																														
MOUNTAIN VIEW 91		6.83	.15	.16	.37						.12	.29			.30	.27	.04	.10	.02	.15	.05	.08	1.63	.71	.03	.06	.26	1.28	.72	.04			
NAALEHU 14	A	.31																				.03	.23					.05				
NAPOOPOO 28	A	.48	•	•	.41										•	•	•	•	•	•	•	.05										
NIULII 179	A	4.50	.30						.02	.01	.12	•	•	.03	.04								.01		.02	•	•	3.49	.45	.01			
OOKALA 229		6.49	.26	.11	.01				.01	.06	.07	.08			.40	.10							.14	.48	T	.30	.95	2.04	1.45	.03			
OPIHIHALE 2 24.1		2.04		1.68	.19	.04	T				T							.01		.01	.09	T						T	T	.02			
ORCHID LAND EST 91.5	A	3.83	•	2.25	•	•	•	•	•	.29	•	•	•	•	•	•	•	.41	•	•	•	•	•	•	.88	•	•	•	•			
PAAUHAU 217		4.52	.26		•	•	.17		.03		.06	•	•	.18	.22								.27	.47	.07	•	•	2.19	.60				
PAAUILO 221		5.96	.04	.43		T		.01	.03	.08	.57		T	.30	T							.96	.58	T	.35	.45	.94	1.12	.01	.49			
PAHALA 21	A	.07			.03																	.01	.01					.02				
PAHOA 65		6.82	.54	.29	.21					.09	.20	.27			.23	.09	.05	.04	.06	.35	.11	.09	.54	.92	.05	.08	.31	1.56	.69	.05			
PAHAO 37	A	.90	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.90			
PAPAIKOU 144.1		6.11	.74	.15	.01				.06		.02	.05			.26	.27		.10	.04	.04	.01	.04	.08	.38		.06	.85	2.28	.59	.08			
PAPAIKOU MAUKA 140.1		10.43	1.00	.19	.03	.11			.04	.01	.29	.37	.02	.03	.51	.14		.15	.12	.05	.02	.15	2.60	.45		.20	.77	2.24	.86	.08			
PIIHONUA 89	A	11.10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	11.10			
POHAKULOA 107	A	.00																														
PUAKO 95.1	A	.00																														
PUU KIHE 120	A	2.39	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.39			
PUU LAAU 102.1	A	.00																														
PUU LEHUA 73	A	3.00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	3.00			
PUU MAII 113	A	1.48	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.48			
PUU OO 82		.19						.02	.02	.03	.01	.01						•	•	•	•	.02	.02	.06								
PUU WAAWAA 94.1	A	.05			.05																											
SADDLE ROAD 1 84	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
SOUTH POINT CORRAL 3	A	.10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.10	•	•	•			
UMIKOA 118		11.51	.05							.32	1.89	2.24			.20							.02	4.47	.47	.03	.50	.35	.39	.58			
UPOLU POINT USCG 159.2		1.62	.05	.01		.02			.04		.19	.07		T	.02	.04									.14	T	.36	.67	.01			
WAIAKEA SCD 88.2		7.50	.39	.20	.52	.05			.03		.35	.49		.01	.29	.51	.02	.09	.05	.12	.04	.02	1.52	.16	T	.05	.15	1.55	.77	.12			
PACIFIC																																
• • •																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND	R	11.29	.08	T	.51	.01	.04	.93	.06				.53		.01	.02	.50	4.46	.01	.02	.01		.04	1.40	.74	.03	1.85		.02				
FAGA ALU RESERVOIR		17.01	.08	3.20	2.00	.07	.20	.09	.80	1.10	.84	.57	1.00	.15	.10	.19	.08	.34	2.00			.90	.70	.20		.40		.90	1.10				
JOHNSTON WSO AP	R	.88			T			T	T	.23	.02	.08	.08				T		.03	.01	.01	.24	.10			.01	.07	T	T	T			
LEONE		8.62		1.50		.30					.42	.90	1.20		.10		.10			.52	.20	.05	.48				2.00	•	.75	.10			
FRENCH FRIGATE SHOALS		.84			.05				.18			.03					.01				.35	.16	.01	.01	.02	.02						
LUMA VILLAGE		10.04	1.41	.49	.38	.14	T			.07	1.28	.01	1.21	T	.18	T	T		.62	.23	.13	T	.02	.25	1.11		1.23	1.28	T			
MIDWAY SAND ISLAND		1.99	.06	T	.53	T	.02				.11	.15	.04	.01	.39	T	.15		.11	.09	.02				.23	.06	T	.02				
PAGO PAGO WSO AP	R	8.44	.05	1.27	.21	.16		.16	T	.84	.42	1.46	T	.08	.03	T		.02	.02	.53	.17	.32	.11	.21		.20	1.53	.65				
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
• • •																																
WESTERN PACIFIC ISL, NORTH OF 12 N																																
ANDERSEN AFB GUAM		2.66	.01		.33	.33	.35	.34		T	.12	.25	.64		.09	.07		T	.01	T	.02			.08	.01	T	T	.04	.07			
CLARK AFB LUZON		.04							.01		T	T							T	.03												
GUAM NAS		1.71	T		.18	.08	.25	.04			.05	.16	.38	.10	.05	.10			.02	T	.03	.01	.08	.05	.03		T	.06	.04	T			
GUAM WSO	R	2.94	.01		.11	.30	.47	.16			.29	.37	.56		.06	.16	T	.01	.07		.03			.14	.09		.01	.08	.02				
MANGILAO		3.21			.08	.68	.42	.08	.01			.08	.61	.41		.11	.08	.02	.02	.03	.02		.02		.07	.09	.15	.07	.06	.10			
ROTA		7.55	.50	.16	.08	.66	.80	.17	.30	.25	.06	.87	.74	T	.44	.08	.44	.50	.04	.05	T	.06	.16	.30	.25	.05	.03	.25	.10	.21			
SAIPAN USCG LORAN		1.75	.28	.28	.17								.16				.04		.36	.12					.02		.08	.17		.07		
WAKE WSO AP	R	1.71	T			.11	.05	1.10	.10	T		T					.06	.02	.07			T	.04	T	.01	.14			.01			
• • •																																
CAROLINE AND MARSHALL ISLANDS																																
ANGUAR		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ENIWETOK		.99	.04	.11	.12	.11	.20	.15					.13							.07	.03							.03				
FALALOP I, ULITHI		.70	.02	.05	T				.05			.06	.05	.01		.07	.03			.07	.09	.02	.04				.07	.03		.04		
KAPINGAMARANGI ATOLL		2.48													.17				.07		.10				.78			1.09		.27		
KOROR WSO	R	1.24	.01	.02	.04				.04	T		.16		.08	.19	T	.08	.04		.10	.14	T	T	.09	.02	T	.04		.17	.02		
KWAJALEIN WSO AP	R	.52				T	.12	.13		T	.02	.02							.02	T	.05		.11	T	.03	.02	T		T			
LELE I, KUSAIE		8.44							.20	.22		.01		.60			T	.02	.03		.11	.06			.99	1.12	2.42	1.59	1.04	.03		
MAJURO WSO AP	R	1.84							.05	.03		T	T	T			.01	T			.25	T	.02	.01	.01	.11	.06		.18	1.11		
METALANIM		7.68	.19	.18	.01	.01	.01	.03	.51	.17	.20	.08	.62	.03	.02			.08	.01			.08	.08	.09	.01	.01		1.94	2.72			
MOKIL ATOLL		3.66											.16									.33	.04	.01			.01	.39	1.13	1.59			
NGASANG, BABELTHUAP		.48		.01						.07		.06	•	.04	.04	.03		.02		.01	.07	.05			.01	.03	.04					
PONAPE WSO	R	3.70				T	.01	.04	.05	.19	T	.18	.23		.01	.12	.01	T	.04		.28	.25	.03	.05	.02	.01	.13	.83	.09	.53		
SATAWAN ATOLL		-								.30			.05	.01							.01	-	.14						2.82	.24		
TRUK, MOEN I, WSO AP	R	2.30	.01	T	.07	.11	.17	T	.13	.65	T	.28	.10	.04	T	.07	.01			.08	.18	T	.08	.05			T	.01	.26	T			
WOLEAI ATOLL		1.35								.07		.48	.03		.69		.03								.03		.02					
YAP WSO AP	R	1.00	.07	.04		T	T	.02	.01		.08	T	T	T	T	.10	T		.08	.19	.05			T	.04	T	.28	.04	T	T		

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
* * *																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	61	64	63	64	67	61	62	56	58	65	65	68	64	62	66	64	66	64	69	56	57	58	59	53	64	65	61	61				62.3
	MIN	50	50	43	45	41	40	40	50	48	47	46	44	45	43	44	49	49	53	43	49	42	47	47	49	48	42	39	39				45.4
KILAUEA POINT 1133	MAX	78	78	77	79	80	80	80	74	73	74	76	76	77	78	82	82	79	83	84	74	73	75	74	76	74	75	77	78				77.4
	MIN	66	67	68	64	68	67	65	69	67	67	67	67	64	69	69	70	67	64	65	63	64	66	63	62	64	63	66	67				66.0
LIHUE WSO 1020.1 AP	MAX	79	78	77	78	78	79	78	77	77	75	78	78	79	81	81	82	81	83	84	70	75	76	77	73	76	76	79	79				78.0
	MIN	68	67	64	62	62	62	63	67	68	69	69	65	70	65	62	68	74	69	66	62	67	64	64	64	65	60	66	67				65.7
MAKAHUENA POINT 940.1	MAX	79	77	77	76	76	76	76	74	78	78	78	78	72	76	73	81	83	81	87	85	69	72	76	73	82	75	78	80				77.4
	MIN	64	68	62	62	62	64	64	62	60	60	59	59	62	66	60	63	68	69	67	64	58	64	63	62	58	62	63	69				63.0
MANA 1026	MAX	81	80	79	83	80	79	81	81	82	80	79	80	81	79	82	81	83	84	84	86	72	71	72	79	78	79	81	80				79.9
	MIN	59	60	60	57	60	58	59	62	56	57	56	57	56	60	60	61	65	65	64	64	57	60	61	56	55	60	59	57				59.3
NIU RIDGE 1035	MAX	79	78	79	77	78	76	76	77	77	76	75	76	78	79	80	79	78	81	80	82	76	75	76	77	76	78	79	78				77.7
	MIN	55	59	60	58	55	54	55	57	53	54	53	51	55	56	57	58	60	61	59	60	56	56	55	55	54	53	51	54				55.9
WAIAHI LOWER 1054	MAX	75	73	74	76	77	78	76	76	76	75	77	74	74	76	76	82	78	80	78	76	72	73	74	79	72	75	72	73				75.6
	MIN	61	52	56	53	54	52	52	60	58	59	61	55	58	60	54	60	63	63	55	55	57	58	56	58	54	48	52	53				56.3
* * *																															
ISLAND OF OAHU																															
EWA PLANTATION 741	MAX	78	80			80	80	80	81	77			78	75	77	79	82			84	85	77	74	73			77	79	80				78.8
	MIN	63	64			56	58	61	62	63			62	63	58	58	60			59	58	60	61	61			58	60	60				60.3
HONOLULU WSO 703 AP	MAX	82	81	80	81	82	82	81	77	78	80	80	80	80	79	83	82	83	82	82	82	77	75	78	78	78	81	82	81				80.3
	MIN	68	69	65	60	59	63	63	66	67	68	67	67	68	61	60	70	71	70	66	61	66	66	63	60	65	65	62	61				64.9
HONOLULU SUBSTA 704	MAX	78	76	75	77	79	76	77	73	72	72	75	74	74	76	78	80	79	78	78	76	70	69	73	73	72	75	76	75				75.2
	MIN	68	68	66	65	64	66	66	66	66	68	68	68	68	67	65	69	70	70	68	63	65	64	63	63	64	66	66	67				66.3
KAHUKU 912	MAX																																
	MIN																																
KANEOHE MAUKA 781	MAX	77	76	78	75	83	78	78	78	74	74	74	75	73	75	78	79	78	78	81	81	78	73	72	74	73	68	72	75				76.0
	MIN	68	69	64	61	60	61	65	65	64	68	67	68	66	64	64	65	68	68	67	63	62	65	66	62	61	62	65	64				64.7
LUALUALEI 804	MAX	80	80	79	78	80	80	83	84	76	80	80	80	78	82	82	85	85	84	84	84	88	87	78	80	78	76	80	80				81.1
	MIN	64	67	62	60	68	64	57	64	60	66	65	66	64	60	60	67	66	68	60	60	66	64	63	64	57	60	61	64				63.1
MAKAPUU POINT 724	MAX	73	73	76	73	73	76	75	74	73	72	72	74	73	72	76	75	76	75	78	78	69	69	71	71	72	71	73	73				73.4
	MIN	69	65	66	66	66	67	64	66	67	61	67	67		65	67	66	70	65	65	66	63	58	63	65	61	65	68	63				65.2
OPAEULA 870	MAX	75	79	73	78	81	77	75	80	70	72	75	72	65	66	75	82	76	79	82	82	79	78	76	69	70	79	75	75				75.5
	MIN	60	61	62	58	56	59	54	56	56	60	65	56	59	61	58	56	60	63	58	55	57	58	58	60	59	55	58	56				58.4
PRI WAHIAWA 820.2	MAX	77	76	76	80	80	78	76	78	73	73	74	77	71	76	80	82	81	79	79	83	73	72	72	73	74	75	77	79				76.6
	MIN	60	62	60	57	54	53	57	57	61	62	63	60	61	56	56	56	61	62	62	54	55	60	58	57	59	57	56	54				58.2
WAIALEE 896.3	MAX	77	78	76	75	77	78	76	78	74	75	75	76	76	77	79	80	79	79	80	81	72	74	74	74	73	75	76	73				76.3
	MIN	67	67	65	65	61	63	66	65	64	67	67	67	67	64	63	66	69	66	66	63	63	64	64	64	63	65	66	65				65.1
WAIALUA 847	MAX	79	79	78	74	78	79	79	77	74	76	76	78	68	72	79	80	83	79	82	79	69	73	73	73	69	71	77	80				76.2
	MIN	59	62	60	60	56	58	57	58	62	65	59	62	59	57	59	60	61	62	61	57	59	61	59	60	59	56	55	55				59.2
WAIKIKI 717.2	MAX	81	82	81	81	81	83	82	82	78	78	78	79	80	79	80	83	83	83	83	82	82	75	74	76	76	76	76	79				79.8
	MIN	67	69	67	58	57	60	60	66	64	67	66	66	66	62	57	63	63	64	64	61	65	61	66	61	62	62	60	67				63.3
WAIMANALO EXP FARM	MAX	77	78	78	77	78	78	78	79	77	77	75	77	75	76	79	80	80	80	80	81	81	75	73	75	76	71	75	76				77.2
	MIN	68	69	69	59	58	62	64	64	66	68	66	68	65	63	61	63	66	68	65	59	61	65	63	62	62	66	67	67				64.4
* * *																															
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	77	76	76	75	76	78	75	75	75	73	73	74	73	71	76	77	78	76	79	80	75	72	70	70	73	71	75	76				74.8
	MIN	66	67	64	63	58	58	61	62	63	63	65	64	66	59	62	62	63	68	62	62	62	62	62	62	61	62	65	64				62.8
* * *																															
ISLAND OF LANAI																															
LANAI CITY 672	MAX	70	72			75	75	69	71	68			71	70	69	77	73			77	78	75	64	66			70	68	72				71.5
	MIN	58	59			55	56	55	61	50			54	52	55	56	55			57	56	55	47	49			50	59	59				54.9
* * *																															
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	56	58	53	55	58	56	56	56	51	56	68	58	58	55	55	61	67	70	69	61	57	59	60	58	56	50	55	54				58.1
	MIN	35	32	32	34	34	37	33	38	35	35	43	33	37	37	31	37	42	44	40	35	38	41	39	36	40	36	36	35				36.6
HALEAKALA SUMMIT 338.4	MAX	53	55	53	47	45	50	59	51	42	57	54	48	54	53	62	52	61	57	58	59	45	62	48	49	48	46	53	54				52.7
	MIN	37	38	30	31	32	39	37	30	28	32	32	38	37	38	45	46	46	41	44	38	32	37	34	30	30	31	35	36				35.9
HANA AIRPORT 355	MAX	79	78	78	79	78	78	79	78	77	77	74	78	78	79	80		79	79	79	79	78	72	72	74	78	71	76	79				77.3
	MIN	66	60	66	62	58	59	61	62	64	63	67	64	64	64	59		66	66	64	59	64	64	62	58	62	62	64	66				62.8
KAANAPALI AIRPORT	MAX	78	78	79	79	79	78	77	77	74	74	75	76	79	76	79	79	82	80	80	79	77	73	75	74	77	74	78	78				77.3
	MIN	62	65	62	63	58	61	63	66		65	67	62	62	62	62	62	64	64	64	62	64		62	62	63	62	60	59				62.6
KAHULUI WSO 398 AP	MAX	78	79	79	78	79	78	80	75	77	78	79	82	79	82	85	83	83	84	81	80	75	77	76	77	71	78	80	79				79.0
	MIN	67	63	56	55	50	53	58	66	63	68	67	59	61	55	56	61	60	60	59	57	66	65	63	57	64	66	59	56				60.4
KAILUA 446	MAX	73	70	72	72	72	73	73	74	74	76	69	71	74	72	75	76	74	73	75	76	75	76	71	70	71	72	68	72				72.8
	MIN	62	62	62	59	57	56	60	60	61	62	62	62	61	59	59	59	63	64	62	59	60	61	58	57	58	59	61	61				60.2

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX	84	86	86	84	83	82	79	82	85	80	83	84	80	83	82	86	82	83	82	83	83	78	79	80	81	76	80	85				82.2
	MIN	58	57	58	55	54	56	55	58	62	56	55	54	57	57	56	60	60	60	63	58	63	61	58	56	62	57	55	55				57.7
KONA SANATORIUM 267	MAX	68	69	69	70	69	69	68	68	68	69	66	68	69	68	69	71	69	70	69	72	70	68	68	68	68	61	68	69				68.3
	MIN	54	53	51	51	48	48	49	49	50	49	47	48	50	50	51	52	53	54	58	54	53	48	49	50	51	52	53	51				50.9
LAHAINA 361	MAX	85	82	81	85	81	84	82	80	83	83	83	82	81	85	84	85	84	85	84	84	79	77	79	81	80	83	82	83				82.4
	MIN	60	60	60	57	58	58	57	59	60	60	56	57	59	59	57	57	60	60	64	60	60	57	59	57	60	59	59	58				58.8
MAILUKU 386	MAX	76	76			76	77	76	76	73			75	77	76	79	83			81	78	78	73	74			74	74	76				76.4
	MIN	65	64			58	60	63	64	61			64	65	59	59	59			62	61	62	64	62			62	65	65				62.2
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	76	75	77	76	75	77	76	78	74	71	74	75	76	75	78	75	76	77	78	79	79	71	70	71	72	70	70	75				74.9
	MIN	63	60	62	67	60	58	64	61	64	63	63	61	63	60	59	63	62	64	62	61	63	60	59	60	61	62	62	61				61.7
HAWAII VOLCNS NP HQ 94	MAX	62	64	65	65	66	67	65	63	63	59	62	63	64	64	62	66	64	60	66	63	68	59	60	64	65	59	60	61				63.2
	MIN	53	46	53	45	39	42	49	47	48	47	47	48	41	46	45	51	51	49	49	49	52	45	45	46	48	52	51	49				47.6
HILO WSO 87 AP	MAX	80	80	79	79	82	80	80	80	78	77	79	78	79	81	82	83	81	83	82	83	75	78	75	78	73	76	76	79				79.1
	MIN	64	62	64	60	58	58	62	61	67	66	62	64	65	62	62	66	66	66	65	61	66	60	60	62	64	66	65	64				63.1
KAINALIU 73.2	MAX	76	78	76	76	75	73	73	75	77	76	75	73	75	75	76	75	76	77	74	74	75	77	73	76	75	74	74	74				75.1
	MIN	56	61	57	56	57	58	56	58	58	58	59	56	56	55	56	60	61	62	58	58	58	58	56	56	57	58	57	56				57.6
KAMUELA 192.2	MAX	68	67	70	74	75	75	70	69	70	67	67	65	70	69	74	73	75	74	75	73	75	70	65	67	65	62	67	69				70.0
	MIN	54	55	54	52	42	45	50	53	53	53	54	48	51	43	42	45	52	50	46	43	46	50	50	53	54	55	54	54				50.0
KEAAU 92	MAX	76	77	78	76	76	77	78	78	77	78	74	77	78	77	78	78	79	77	79	76	80	72	73	74	76	71	72	70				76.1
	MIN	61	61	60	60	58	56	57	60	60	61	61	62	62	61	60	61	62	63	63	59	59	62	58	59	61	62	63	63				60.5
KEALAKEKUA 26.2	MAX	78	78	78	77	76	74	76	76	77	76	77	74	77																			
	MIN	58	61	58	57	57	58	55	57	57	57	57	57	57																			
KOHALA MISSION 175.1	MAX	74	74	75	75	74	76	74	76	74	70	72	74	75	75	79	75	79	75	78	79	78	68	73	71	74	66	71	73				74.2
	MIN	62	63	63	62	57	58	61	61	63	63	65	60	64	59	59	61	62	64	62	61	62	63	60	60	61	62	62	61				61.5
KONA (KAILUA) 68.3	MAX	81	80	81	80	81	81	78	80	79	79	79	80	81	79	82	79	80	79	81	80	82	81	79	77	80	81	81	80				80.0
	MIN	65	66	67	65	65	64	63	63	61	63	66	64	65	63	64	66	69	68	68	66	65	65	63	63	62	64	65	66				64.8
KULANI CAMP 79	MAX	55	58	58	59	55	61	62	58	57	57	57	59	59	60	61	61	61	53	64	60	62	62	54	54	56	59	57	57				58.4
	MIN	47	40	41	38	32	38	39	40	43	44	41	41	44	41	38	42	42	39	39	38	45	38	40	34	42	41	42	43				40.4
MAUNA LOA SLOPE OBS	MAX	53	51	47	46	53	55	48	47	44	44	51	50	56	59	59	57	60	56	57	49	49	51	47	44	45	50	51	52				51.1
	MIN	33	33	31	32	34	36	35	31	28	29	32	30	34	38	37	36	35	38	37	35	30	32	32	30	32	39	36	38				33.7
MOUNTAIN VIEW 91	MAX	67	73	73	73	73	75	72	74	72	72	72	72	73	71	71	74	75	75	75	72	77	65	67	72	72	72	64	65				71.7
	MIN	56	54	51	51	51	49	50	55	54	56	56	56	56	55	53	53	57	57	57	54	54	56	52	53	53	53	58	58				54.3
NAALEHU 14	MAX	77	77			78		77	78	77			78	77	77	77	78			78	75	79	77	75			78	75	76				77.1
	MIN	63	64			61		60	62	61			58	62	64	61	63			64	61	60	58	58			59	60	61				61.1
OOKALA 223	MAX	75	76	76	77	77	77	72	77	75	71	75	75	75	75	77	75	78	78	76	76	78	71	70	68	75	68	70	74				74.5
	MIN	63	63	64	63	63	60	62	62	62	63	64	64	62	63	61	61	64	65	64	62	63	61	59	60	60	63	62	63				62.4
UPIHIMAKE 2 24.1	MAX	73	71	74	73	73	70	72	73	73	74	72	74	71	73	76	75	73	76	74	72	75	72	74	73	74	75	76	75				73.4
	MIN	55	58	54	53	53	53	53	54	54	54	56	54	53	51	55	58	58	56	55	52	56	54	54	55	55	55	58	56				54.7
PAHALA 21	MAX	77	79			78	78	78	77	81			82	78	77	77	77			79	73	79	82	76			73	73	77				77.6
	MIN	58	58			56	55	56	57	59			56	59	60	57	63			61	59	59	57	57			63	56	57				58.2
PUAKU 95.1	MAX	82	84	84	81	81	81	78	83	79	79	82	83	80	79	82	80	82	81	82	83	83	79	79	78	84	82	85	82				81.4
	MIN	68	65	64	63	60	60	64	65	67	68	67	62	65	59	60	63	66	63	61	62	65	65	59	62	64	64	62	62				63.4
UPOLU POINT USCG 159.2	MAX	76	76	72	77	76	78	77	78	76	76	76	77	77	77	77	78	84	80	81	80	79	72	76	75	77	77	75	76				77.0
	MIN	65	65	64	65	64	64	64	65	63	66	64	62	66	66	64	68	67	67	65	65	66	60	63	63	63	63	64	64				64.5
	MAX																																
	MIN																																
	MAX																																
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	MAX																																
	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	83	94	87	92	91	90	89	90	91	90	86	91	87	92	91	83	88	89	92	90	88	89	88	84	84	92	91	92				89.1
	MIN	77	80	76	76	81	73	77	75	80	80	72	71	78	78	71	75	78	80	78	78	72	75	74	73	76	79	81	81				76.6
JOHNSTON WSO AP	MAX	78	79	80	79	78	80	79	77	78	78	77	79	80	79	78	80	78	79	81	76	76	78	78	78	78	79	78	78				78.4
	MIN	74	74	74	74	74	74	73	70	70	71	70	74	74	74	74	74	71	72	73	69	69	71	72	70	70	72	75	74				72.4
LEONE	MAX	89	82	91	94	93	92	96	93	92	91	90	91	95	94	91	92	93	93	94	92	92	90	91	91	90		93	90				91.7
	MIN	76	76	76	76	75	74	75	77	75	76	74	73	75	76	75	74	75	77	77	79	79	79	78	80	74		74	74				75.9
FRENCH FRIGATE SHOALS	MAX			80	80	78	79	81	75	75	75	75	77	76	77	78	79	78	80		80		80		80	80	76	76	80				78.0
	MIN			68	65	67	65	63	65	67	65		65	68	68	64	64	67	71		62		64		64	62	64	66	66				65.5
MIDWAY SAND ISLAND	MAX	67	74	69	67	69	64	67	73	73	74	72	76	76	67	73	67	74	63	64	67	69	70	65	69	72	75	73	76				70.2
	MIN	62	63	61	57	58	58	59	62	65	66	62	63	64	58	58	61	60	54	54	58	59	57	59	60	62	65	65	63				60.5
PAGO PAGO WSO AP	MAX	88	84	88	90	89	88	89	87	88	87	89	88	89	89	89	89	89	90	91	89	90	88	88	88	88	88	88	88				88.4
	MIN	77	77	77	78	75	75	75	77	76	76	76	76	75	78	75	75	76	77	81	82	79	77	82	78	75	74	75	75				76.8
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	82	82	78	80	80	80	80	80	78	78	78	81	78	82	82	82	82	82	82	82	81	81	81	80	80	82	81	82				80.6
	MIN	75	73	73	71	72	73	76	75	75	73	72	76	73	73	76	76	75	76	75	76	76	75	73	75	75	74	77	76				74.5
CLARK AFB LUZON	MAX	84	86	88	88	88	88	84	88	90	90	90	90	88	86	86	90	88	88	91	91	90	91	90	90	88	91	91	90				88.7
	MIN	72	72	70	68	66	72	72	73	70	70	73	73	77	73	72	70	72	72	72	72	70	73	73	73	75	73	72	73				71.9
GUAM NAS	MAX	86	85	81	85	86	86	87	84	81	83	84	84	83	85	83	86	86	85	85	85	86	83	85	85	86	85	85	86				84.7
	MIN	72	72	68	71	70	71	70	65	72	72	71	74	73	73	76	75	73	75	75	76	73	73	72	71	71	73	75	70				72.2
GUAM WSO	MAX	84	83	80	82	83	83	83	82	81	81	81	83	81	83	84	83	83	82	83	84	85	83	83	83	83	83	83	84				82.7
	MIN	73	72	70	68	71	71	70	64	72	72	70	74	71	72	72	71	72	74	71	72	71	72	71	68	70	73	72	73				71.1
SAIPAN USCG LORAN	MAX	86	86	85	85	86	87	87	86	83	86	86	85	86	86	87	88	86	86	85	86		87	87	88	88	89	86	86				86.3
	MIN	68	68		75	72	75	77	62	72	74	72	73	71		71	76	70	70	71	76		71	72	73	73	70	74	73				72.0
WAKE WSO AP	MAX	83	82	83	80	80	73	81	83	82	83	84	83	83	81	81	82	80	80	76	79	81	82	81	83	82	84	82	84				81.4
	MIN	71	69	71	73	71	67	68	72	70	72	73	72	71	70	71	71	68	71	68	67	69	69	69	68	72	72	71	70				70.2
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	84	91	85	86	84	85	85	85	85	85	83	85	84	85	84	85	86	88	84	85	83	85	84	85	84	85	84	85				84.9
	MIN	75	75	75	68	77	73	76	75	75	74	76	75	73	74	74	76	76	75	74	74	74	76	75	75	75	75	76	75				74.7
FALALOP I, ULITHI	MAX	85	86	85	85	86	84	86	86	85	86	86	85	86	85	86	86	86	86	85	85	86	85	86	85	86	85	86	86				85.5
	MIN	76	75	74	76	78	76	75	71	78	77	81	81	78	76	78	77	78	78	76	76	78	78	78	76	76	76	77	78				76.9
KAPINGAMARANGI ATOLL	MAX	87	86	86	87	86	86	86	87	88	91	90	88	89	87	88	93	90	93	92	92	93	93	92	94	90	91	85	85				89.1
	MIN		76	74		74	74	76	76	78	79		76	76		79	80	75		78	79	78	80	80	75	79		78	79				77.2
KOROR WSO	MAX	88	89	87	88	88	88	89	88	88	87	88	87	87	88	88	88	89	88	88	88	88	87	88	90	89	90	89	88				88.1
	MIN	75	74	75	74	73	74	74	76	75	75	78	78	76	77	75	74	76	74	76	76	76	74	75	75	73	74	73	74				75.0
KWAJALEIN WSO AP	MAX	85	86	86	86	85	86	87	86	86	87	87	87	87	87	86	87	87	86	86	88	86	87	86	86	87	88	88	88				86.6
	MIN	77	78	77	77	74	76	78	78	78	78	78	76	77	78	77	78	75	76	76	78	74	76	77	77	78	78	78	78				77.0
LELE I, KUSAIE	MAX	86	87	90	86	88	88	83	85	89	88	90	86	87	87	87	88	85	87	86	86	88	86	80	80	80	80	86	85				85.9
	MIN	72	73	75	73	74	75	69	71	76	74	79	72	73	73	73	75	71	77	72	72	78	72					72	71				73.4
MAJURO WSO AP	MAX	85	85	85	85	86	86	86	83	85	87	86	85	86	86	86	87	86	86	83	85	86	86	87	84	86	86	87	85				85.6
	MIN	78	78	78	78	79	78	78	75	78	79	79	78	79	79	80	79	78	78	76	78	77	79	79	76	79	78	75	75				77.9
METALANIM	MAX	88	86	87	88	87	86	85	86	87	84	88	87	87	88	87	87	87	86	87	88	87	87	87	86	82	80	83	87				86.3
	MIN	64	72	68	68	64	71	68	73	74	69	73	73	79	76	79	78	81	79	79	76	80	74	75	77	79	73	72	77				74.0
PONAPE WSO	MAX	86	87	88	87	87	87	85	87	86	87	86	86	88	86	86	88	87	87	87	87	86	86	87	86	87	82	85	86				86.4
	MIN	78	69	71	71	68	74	75	76	74	72	76	77	77	75	77	77	77	77	74	74	76	76	78	78	77	75	75	76				75.0
TRUK, MOEN I, WSO AP	MAX	85	85	85	86	84	85	86	83	85	84	83	85	85	85	84	85	85	86	85	86	86	84	85	86	86	87	86	87				85.1
	MIN	77	78	76	77	75	76	76	76	78	77	77	78	78	75	75	79	78	78	75	79	78	78	79	79	79	79	77	78				77.3
WOLEAI ATOLL	MAX	87	88	88	87	87	88	88	88	86	85	87	87	87	88	87	88	88	90	88	89	89	90	89	89	90	90	89	89				88.1
	MIN	75	75	75	74	75	75	75	75	75	74	75	73	72	75	75	75	76	73	78	71		71				72		73				74.2
YAP WSO AP	MAX	86	87	87	86	88	87	87	86	87	87	88	88	88	86	87	88	88	87	86	87	87	87	88	88	86	87	87	87				87.1
	MIN	75	74	75	72	72	75	76	76	75	77	76	76	77	75	77	76	76	74	75	78	76	77	74	73	74	73	74	76				75.1
	MAX																																
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	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

PACIFIC
FEBRUARY 1973

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	25	E	16	-	76	74	83	1	9	8	1	0	0	19	57	-
HILO, HAWAII, WSO AP	31	0.5	7.1	18	E	18	82	77	61	78	6	11	5	1	1	1	25	57	6.4
HONOLULU, OAHU, WSO AP	4	8.8	11.2	29	NE	10	73	74	53	66	9	8	3	0	0	0	20	74	5.6
JOHNSTON ISLAND WSO AP	7	19.4	20.2	43	E	21	78	77	71	76	7	8	3	0	0	0	18	69	5.6
KAHULUI, MAUI, WSO AP	5	10.2	11.9	36	NE	20	77	74	52	68	4	6	3	0	0	0	13	70	4.3
KOROR WSO AP	6	11.1	11.8	24	NE	16	83	86	76	68	5	11	5	0	0	0	21	69	8.5
KWAJALEIN WSO AP	6	16.9	17.1	28++	6	21+	79	80	68	74	6	6	3	0	0	0	15	-	9.4
LIHUE, KAUAI, WSO AP	4	8.7	11.2	26	NE	21+	74	75	62	72	5	5	3	1	0	0	18	49	6.0
MAJURO WSO AP	6	13.9	14.3	30	E	21	80	80	72	76	5	7	3	0	1	0	16	64	8.4
PAGO PAGO WSO AP	36	2.1	6.5	27	NW	19	88	89	75	82	3	5	9	3	3	0	23	59	9.1
PONAPE WSO AP	6	9.2	10.3	23	NE	18	80	83	74	73	3	10	7	3	0	0	23	72	9.0
TRUK, MOEN I, WSO AP	5	13.7	14.1	26	NE	11	81	82	75	76	7	9	7	1	0	0	24	57	9.3
WAKE WSO AP	7	13.8	15.5	37	NE	21	79	81	65	69	5	7	3	0	1	0	16	75	4.5
YAP WSO AP	-	-	-	22	NE	28	82	-	71	68	11	9	3	0	0	0	23	75	7.2

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.26	.30	.15	.27	.21	.23	.27	.31	.29	.38	.31	.29	.25	.28	.19	.22	.21	.30	.29	.21	.32	.29	.19	.19	.08	.26	.30	.31				7.16
	WIND	189	214	116	120	68	68	90	170	266	270	228	162	185	182	62	-	-	-	-	-	-	-	-	101	128	133	137	123				-
	MAX	81	82	80	82	83	83	83	82	75	75	74	77	77	80	82	85	86	84	86	86	74	75	77	79	74	77	82	81				80.1
	MIN	60	64	63	60	60	62	61	62	60	60	60	62	62	63	60	60	65	67	63	61	58	58	59	60	60	58	58	62				61.0
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.21	.20	.18	.15	.20	.23	.19	.24	.14	.30	.38	.30	.25	.22	.21	.30	.19	.30	.29	.22	.24	.30	.23	.24	.21	.22	.27	.22				6.63
	WIND	11	17	9	9	12	9	4	15	13	41	35	18	13	18	3	6	14	20	14	11	24	25	10	9	7	24	13	13				417
	MAX	80	80	80	80	80	83	79	83	77	79	79	81	78	78	78	84	86	85	83	82	76	78	72	79	77	82	81	78				79.9
	MIN	59	59	60	55	54	56	57	58	57	55	55	55	59	58	57	57	62	66	60	57	57	55	55	57	57	56	56	55				57.3

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.37	.37	.34	.35	.38	.37	.38	.39	.40	.30	.26	.39	.37	.30	.40	.33	.30	.32	.33	.53	.49	.39	.43	.38	.33	.36	.27	.35				10.18
	WIND	241	201	206	216	219	205	262	274	312	321	320	265	239	169	213	225	225	199	194	373	406	367	302	312	304	303	270	239				7382
	MAX	86	86	86	86	84	87	86	83	83	82	80	84	87	88	85	83	84	85	86	83	79	81	82	81	82	88	83	85				84.1
	MIN	70	70	70	69	69	70	70	68	69	69	70	72	72	72	72	70	71	70	70	69	67	67	67	68	68	69	70	71				69.6
* * * WESTERN PACIFIC IS. NORTH OF 12 N																																	
GUAM WSO	EVAP	.17	.19	.15	.27	.10	.20	.21	.26	.16	.15	.15	.14	.17	.15	.28	.27	.19	.24	.22	.27	.21	.21	.16	.20	.25	.16	.10	.23				5.46
	WIND	152	86	97	148	118	121	84	57	108	146	197	169	106	147	123	153	141	163	160	207	106	135	106	82	74	105	128	101				3520
	MAX	87	86	84	87	87	88	88	87	81	84	82	84	84	86	89	88	89	86	86	88	89	87	88	90	91	91	90	89				87.0
	MIN	70	70	70	69	70	70	68	66	70	71	71	72	71	70	70	72	69	70	69	71	69	71	70	68	70	70	69	70				69.9

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		6A		C	METCALF FARMS HI, INC
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAHIAWA MOUNTAIN 990	A	8949	02	KOLOA	2	21 58	159 31	2100		MO			MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20		5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25	8A	8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3055	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A		3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	R	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775A		6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		9P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		9A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	R	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	R	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4		0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT
HALEAKALA 8 E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPAKULUA RES. 492.6		3561	02	MAKAWAO	1	20 55	156 18	640				C	EAST MAUI IRRIGATION CO
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUONENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			PEPEEKEO SUGAR CO.
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		VAR		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			PEPEEKEO SUGAR COMPANY
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	PEPEEKEO SUGAR CO.
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMADA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830		7A		C	KAHUA RANCH
NEW STATIONS ISLAND OF MAUI												
HAIKU MAUKA 486.4	0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P		J	USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07		7	28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
▣ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
▣CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 6/1/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌑ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

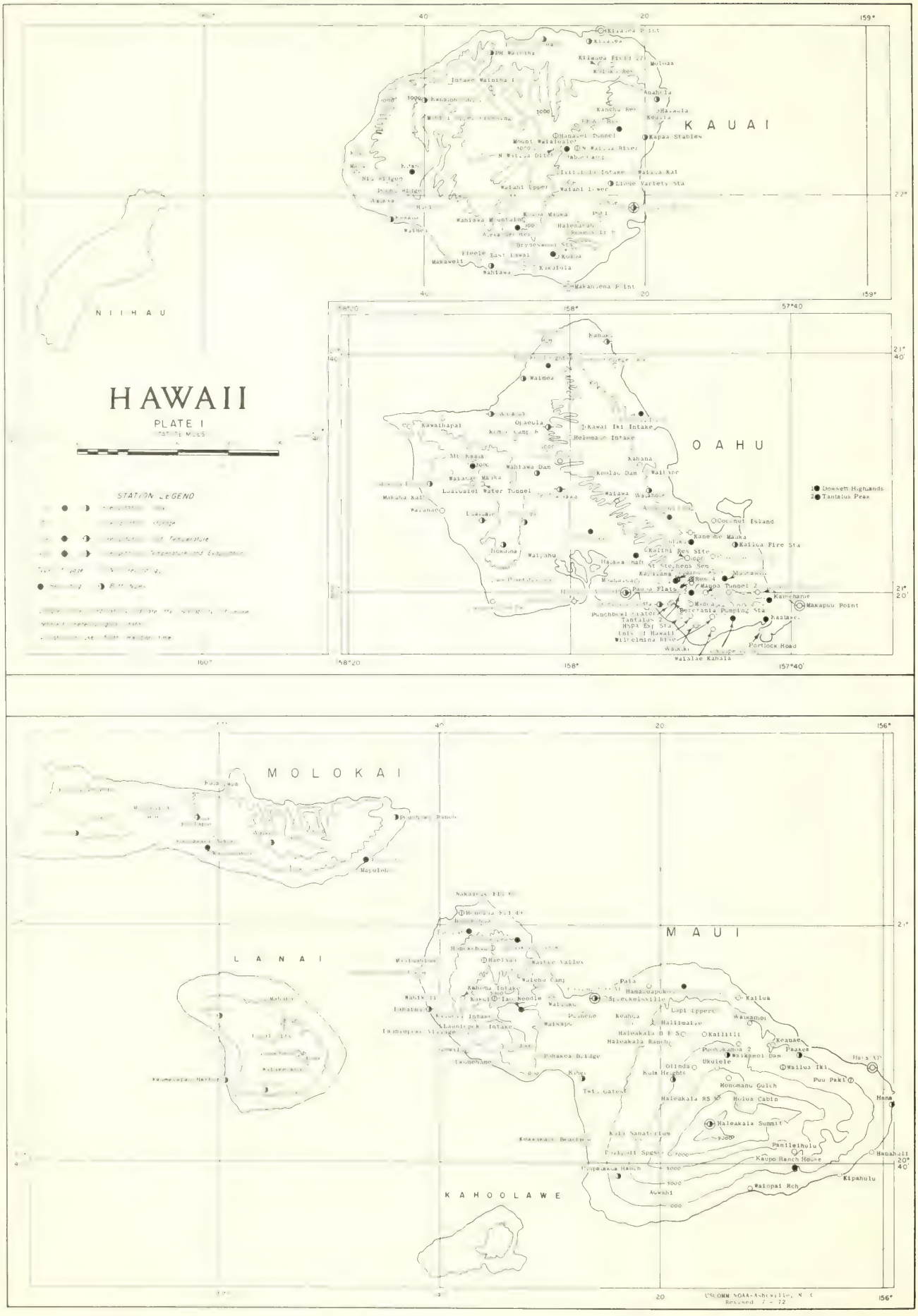
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

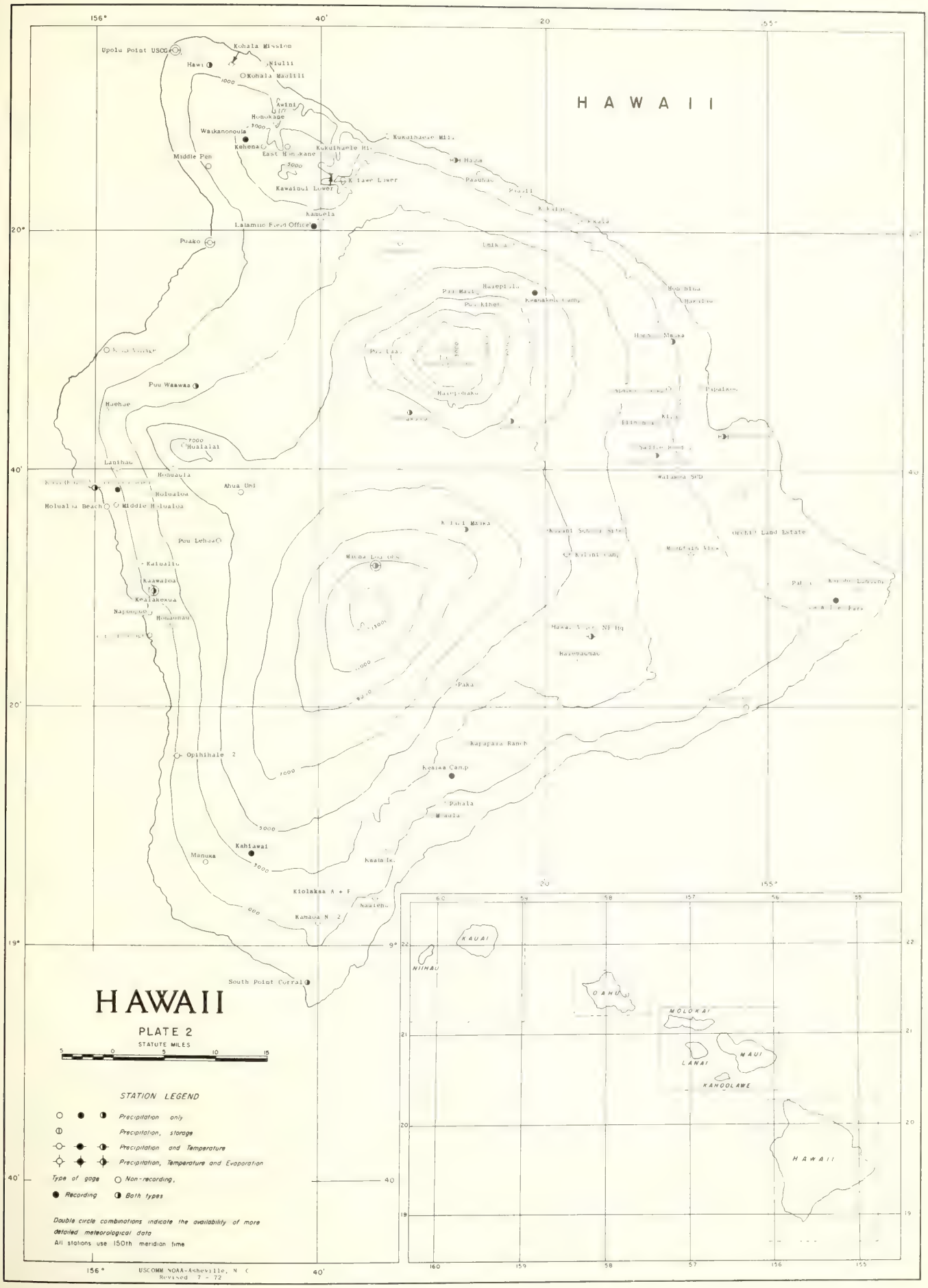
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

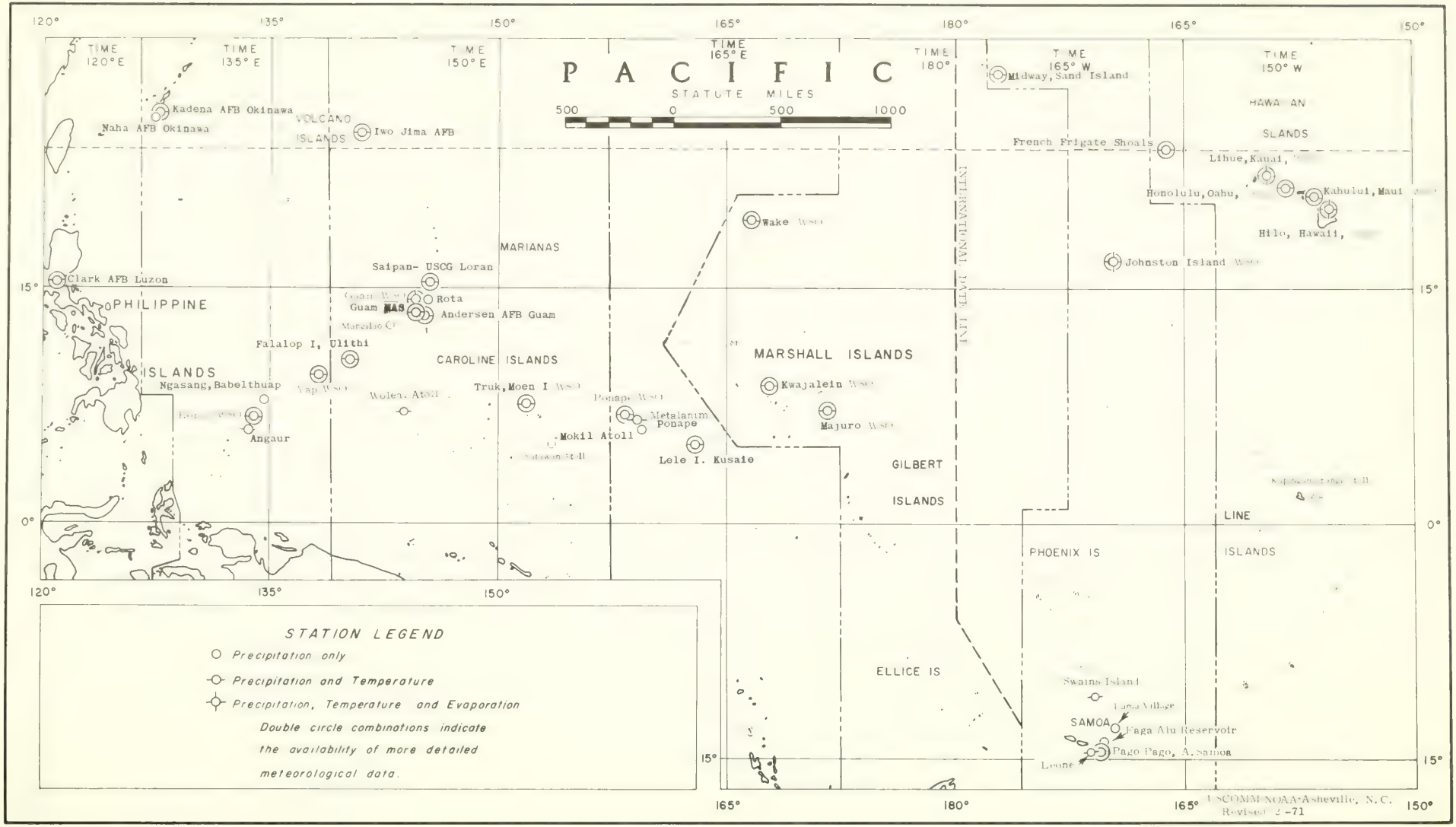
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

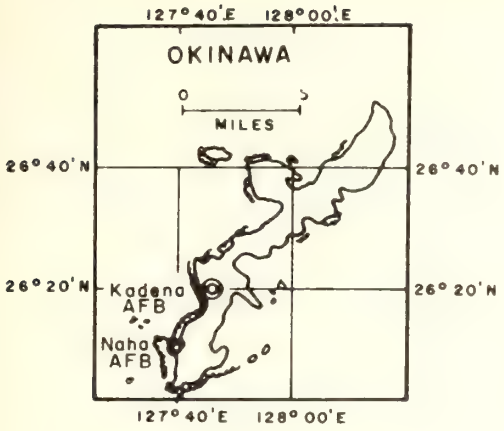
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

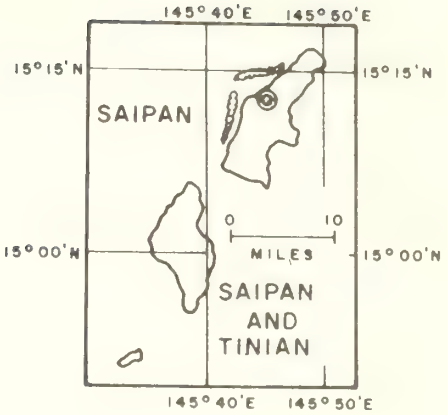
William H. Haggard
Director, National Climatic Center

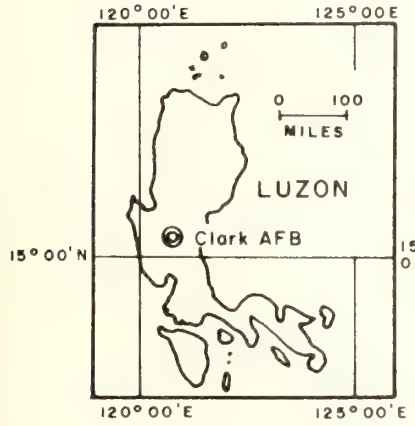

HAWAII
PLATE I
STATION LEGEND
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
1 Dowsett Highlands
2 Tantalus Peak
Coconut Island
Kaneohe MCAS
Kaneohe
Makapuu Point
Portlock Road
Wailua Iki
Puu Pakt
Hana
Haleakala Summit
Kaupo Ranch House
Kipahulu
Hanahali
Honomanu Gulch
Haleakala RS
Ukulele
Kula Heights
Olinda
Kaupo Ranch
Agwahi
Waiopai Rch
Kula Sanatorium
Kaili
Lahaina
Launiupoko Intake
Kahoma Intake
Honokowai Intake
Honokohau Intake
Honolua Intake
Honokahua Intake
Honokahua Ditch
Honokahua Bridge
Honokahua Gulch
Honokahua Camp
Honokahua Flume
Honokahua Pipeline
Honokahua Reservoir
Honokahua Valley
Honokahua Point
Honokahua Harbor
Honokahua Beach
Honokahua Ranch
Honokahua

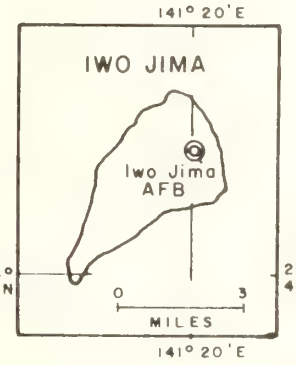

HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Madlili
Awini
Honokane
Waikanonoula
Kehena
East Honokane
Middle Pen
Kukuihaele Mill
Kukuihaele Hi.
Hapaa
Kawaiiki Lower
K Iaee Lower
Paauhau
Puulii
Kamuela
Lalamilo Field Office
Puako
Waikoloa
Hapuna
Puu Waawaa
Huehue
Hualalai
Lanihau
Honuaula
Ahua Uni
Holualoa
Holualoa Beach
Middle Holualoa
Puu Lehua
Kaiualiu
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Puu Laa
Mauna Loa (Obs.)
Kilauea Mil. Camp
Kilauea Crater
Volcano
Mauna Kea
Kaumana
Waiakea Mill
Orchid Land Estate
Hilo
Paauilo
Honokaa
Waimea
Kawaihae
Puukohola
Upolu Airport
Hawi
Kapaau
Halaula
Waimea
Kamuela
Puukapu
Waikoloa
Kawaihae
Puako
Kona
Kailua
Keauhou
Kealakekua
Captain Cook
Napoopoo
Honaunau
Hookena
Honuaula
Holualoa
Kainaliu
Kealakekua
Honaunau
Puuwaawaa
Hualalai
Mauna Loa
Kilauea
Hilo
Papaikou
Pepeekeo
Onomea
Hakalau
Honomu
Laupahoehoe
Ahualoa
Waipio
Waimea
Kohala Mountains
Kohala Ditch
Hawi
Kapaau
Halaula
Waimea
Kamuela
Waikoloa
Kawaihae
Puako
Kona
Kailua
Keauhou
Kealakekua
Captain Cook
Napoopoo
Honaunau
Hookena
Opihihale 2
Kapapala Ranch
Keaiwa Camp
Pahala
Waiulu
Kahiawai
Manuka
Kaala Tk.
Kiolakaa A + F
Naalehu
Kamaoa N 2
South Point Corral
Paka
Hawaiian Ntl Hq
Hawaiian Volcano Observatory
Kilauea Crater
Kilauea Mil. Camp
Kilauea Iki
Mauna Loa (Obs.)
Mauna Kea
Kaumana
Waiakea Mill
Orchid Land Estate

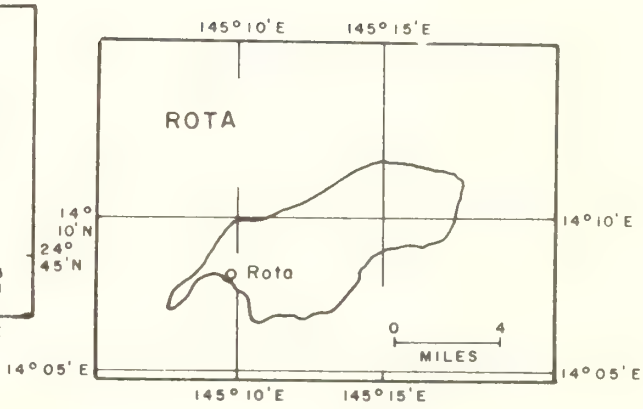

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
INTERNATIONAL DATE LINE
Kadena AFB Okinawa
Naha AFB Okinawa
VOLCANO ISLANDS
Iwo Jima AFB
Midway, Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue, Kauai,
Honolulu, Oahu,
Kahului, Maui
Hilo, Hawaii,
Wake WSO
MARIANAS
Saipan- USCG Loran
Johnston Island WSO
Clark AFB Luzon
PHILIPPINE ISLANDS
Rota
Guam NAS
Andersen AFB Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Truk, Moen I WSO
Kwajalein WSO
MARSHALL ISLANDS
Majuro WSO
Metalanim
Ponape
Angaur
Mokil Atoll
Lele I. Kusaie
GILBERT ISLANDS
LINE ISLANDS
PHOENIX IS
ELLICE IS
Swains Island
Fagu Village
SAMOA
Faga Alu Reservoir
Pago Pago, A. Samoa
Leone
120°
135°
150°
165°
180°
15°
0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 2-71

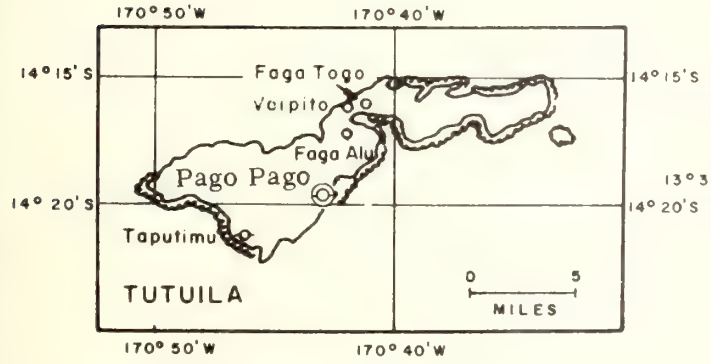

127°40'E
128°00'E
OKINAWA
0
5
MILES
26°40'N
26°20'N
Kadena AFB
Naha AFB

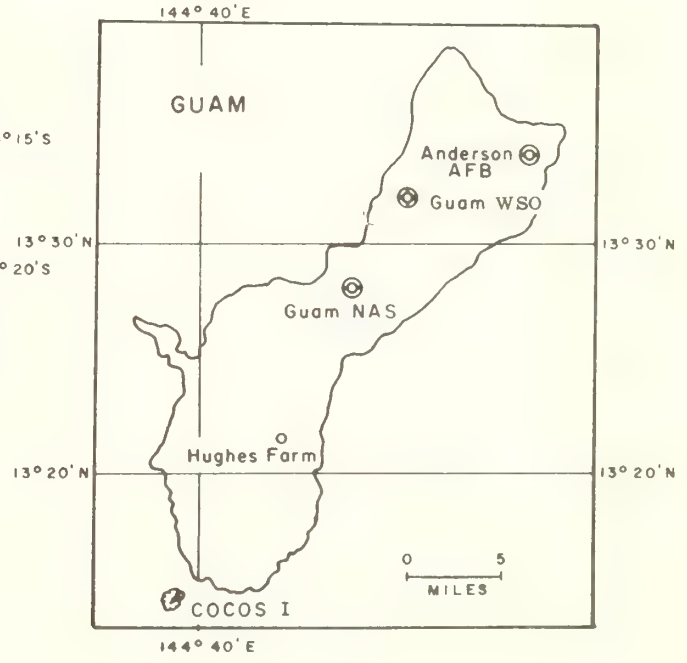

145°40'E
145°50'E
15°15'N
SAIPAN
0
10
MILES
15°00'N
SAIPAN AND TINIAN


120°00'E
125°00E
0
100
MILES
LUZON
Clark AFB
15°00'N

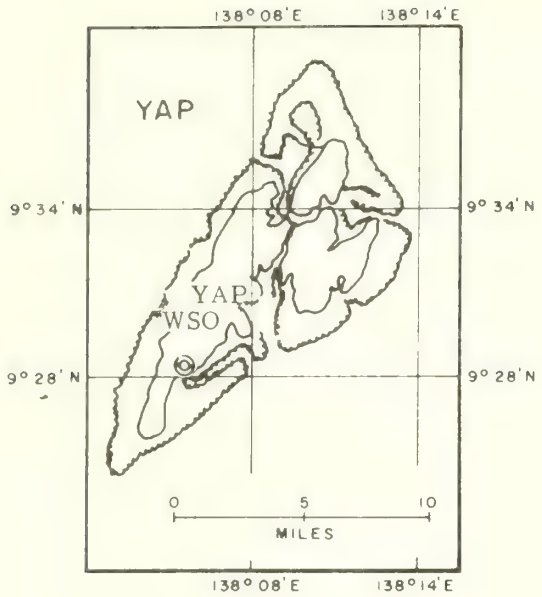

141°20'E
IWO JIMA
Iwo Jima AFB
24°45'N
0
3
MILES

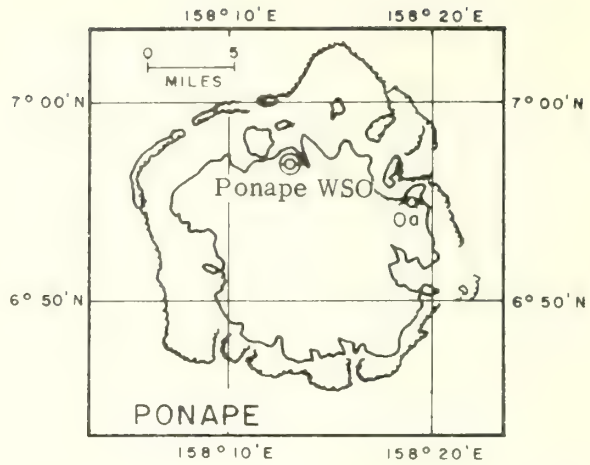

145°10'E
145°15'E
ROTA
14°10'N
Rota
0
4
MILES
14°05'E

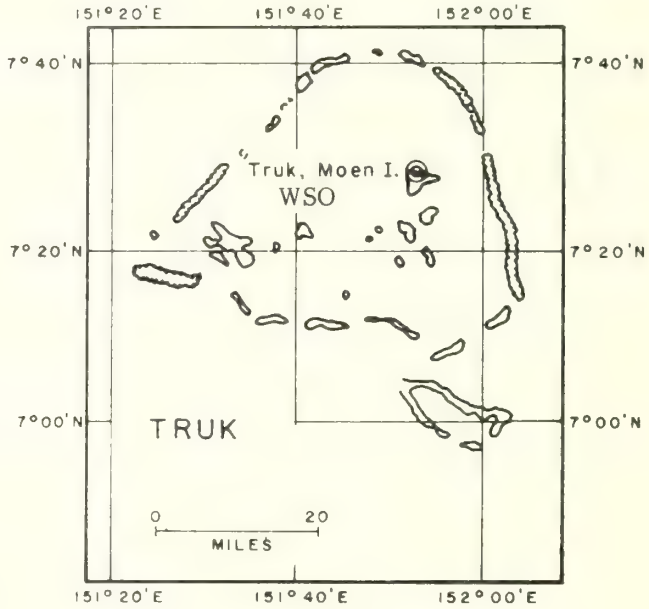

170°50'W
170°40'W
14°15'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
14°20'S
Taputimu
TUTUILA
0
5
MILES

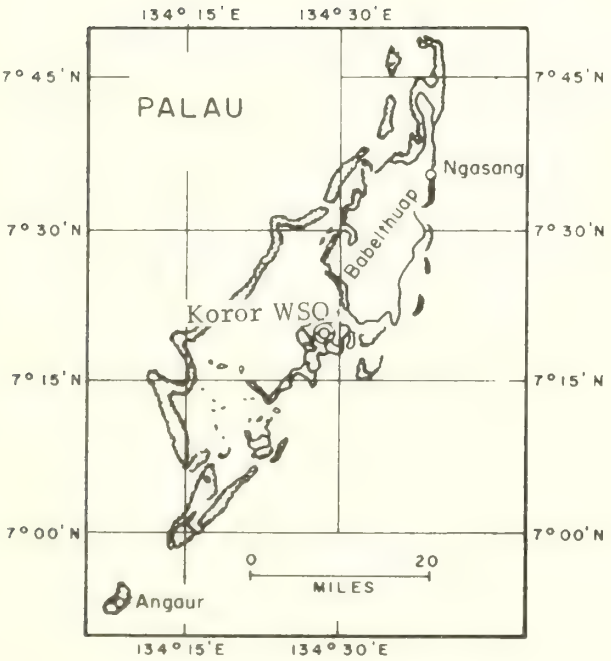

144°40'E
GUAM
Anderson AFB
Guam WSO
13°30'N
Guam NAS
Hughes Farm
13°20'N
0
5
MILES
COCOS I

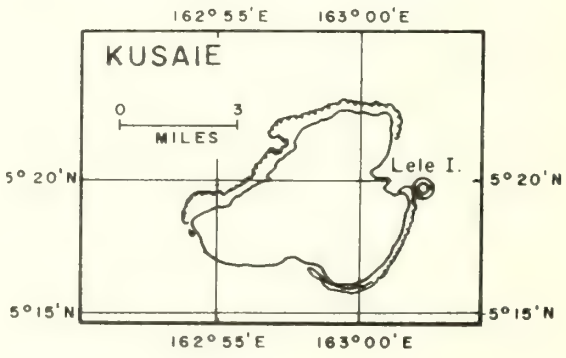
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
YAP WSO
0
5
10
MILES

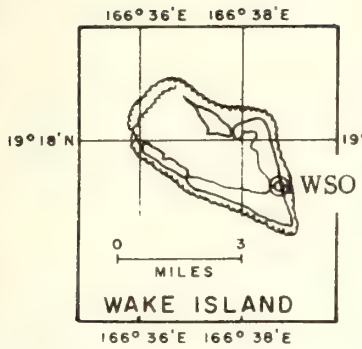

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Oa
PONAPE

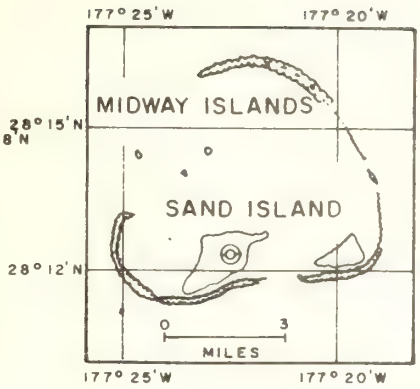

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I. WSO
TRUK
0
20
MILES

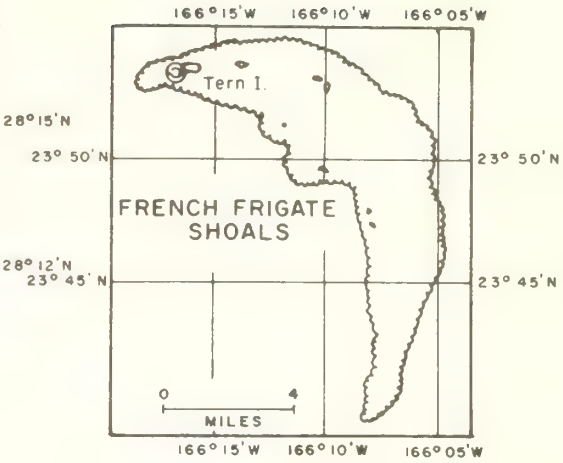

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Angaur

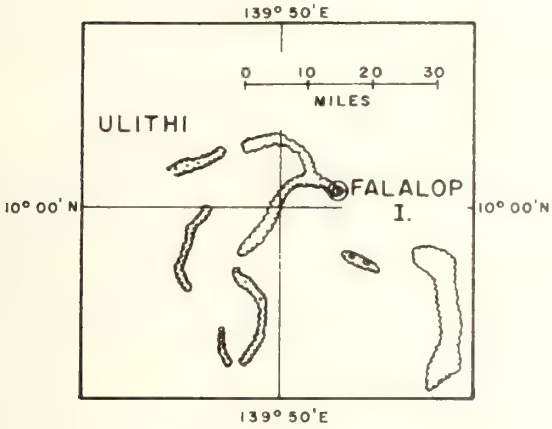

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

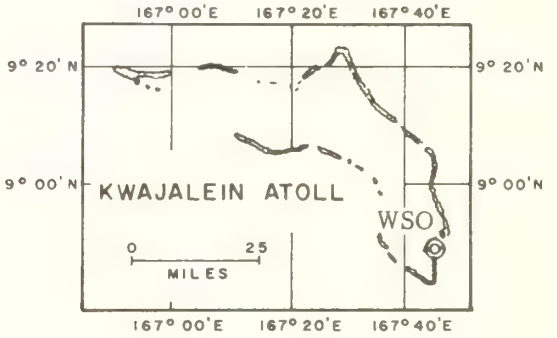
— Reef

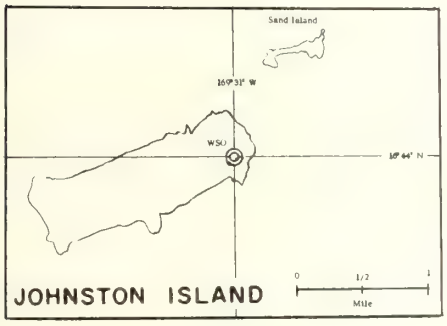

166° 36'E
166° 38'E
19° 18'N
WSO
0
3
MILES
WAKE ISLAND

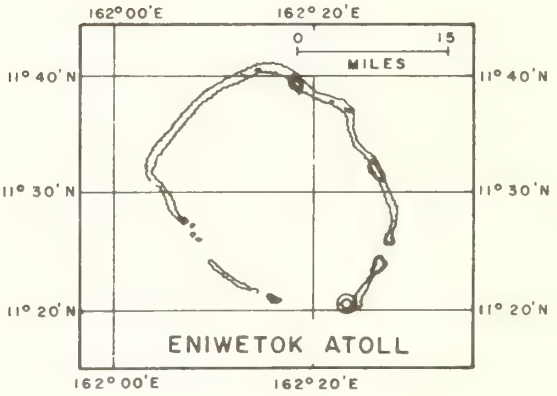

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

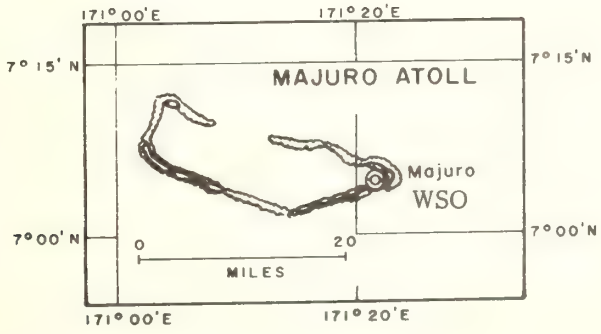

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0
25
MILES


Sand Island
WSO
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0
20
MILES

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TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
88° ON THE 28+ AT KEAWAKAPU BEACH 260.2, MAUI

LOWEST TEMPERATURE:
27° ON THE 11TH AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
44.24 INCHES AT HILO COUNTY CLUB 86.6, HAWAII

LEAST TOTAL PRECIPITATION:
.00 AT 5 STATIONS

GREATEST ONE DAY PRECIPITATION:
6.63 INCHES ON THE 12TH AT PH WAINIHA 1115, KAUAI

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H A W A I I - M A R C H 1 9 7 3

SPECIAL WEATHER SUMMARY

The month's weather was highlighted by the return of long absent trade wind showers to the Islands. But while these substantially eased the prolonged drought in some areas, they left others virtually unaffected.

By the 9th a week of wet weather was bringing to a close in Hawaii Island's Waiakea-Uka and Puna sections the lengthy dry spell that had led to their being declared a drought disaster area on January 15. Showers, sometimes heavy, continued throughout the month especially along the northeastward-facing mountain slopes that directly confront the moisture-laden trade winds. By the end of March a number of gages in the upper Hilo area had accumulated monthly totals of 20 inches or more, with several exceeding 30 inches. Hilo Country Club, at an elevation of about 1,500 feet, had more than 44 inches. East Maui's crucial mountain watersheds were similarly blessed with 20 to 30 inches in places, as were several upland gages on Kauai and Oahu.

In these wetter regions most days had some rain, with daily totals of 2 inches or more not uncommon. However, intensities seem seldom to have exceeded about 1.5 inches an hour, a moderate rate by Hawaiian standards. Nowhere does flooding appear to have occurred.

Unfortunately the rains, being caused largely by the topographically-forced ascent of the moist northeasterly trades, did little for leeward areas, coastal plains, and southeastward-facing slopes. Hence the drought continued and deepened over such localities as the Kona and Kau Districts of Hawaii Island. By the 20th cattlemen, sugar planters, and operators of macadamia nut orchards, having already suffered what they described as millions of dollars in damage to crops and livestock, were urging emergency State assistance. The Kau Sugar Company was anticipating drought-induced future crop losses of several million dollars, while the Hawaiian Orchards Company in Pahala claimed that macadamia trees and some 120,000 windbreaking plants were dying of drought. Pastures were dry and cattle required extensive supplemental feeding, as well as water. Thirty cows were said to have died already. Meanwhile, 3,500 residents in Pahala and Naalehu were drinking water that "tasted like Alka-Seltzer" and barely met State health regulations because of its high salinity.

With pasture and brush lands as dry as tinder, brush fires were common. A number of small ones broke out in western Kauai within the first week of the month. In the Makakilo area of Oahu, several acres of brush and small trees burned over the 14th. But these incidents were quickly overshadowed by the huge brush fire which, on the 16th and 17th of the month, burned off an area estimated at 7 miles long and 2 miles wide in South Kohala, consuming thousands of acres of valuable pasture land and threatening Kawaihae Village and the golf course at Waikoloa. Fanned by 40- to 50-mile-an-hour winds funnelling through the saddle between Mauna Kea and the Kohala Mountains, the flames advanced at times along three separate fronts, one of which was 5 miles long at the height of the fire. By the time it was subdued the fire, considered to be one of the worst in recent years, had done damage estimated at $2.5 million by the State Board of Forestry Office in Hilo. Fortunately, there were no injuries, and no buildings were damaged.

Later in the month on the 25th, a fire destroyed more than 1,000 acres of Molokai Ranch pasture land on the slopes above Kaunakakai town.

Trade winds prevailed throughout the

month, becoming blustery enough to call for gale warnings on 2 days and for small craft advisories on 19 more.

Despite the frequent trade wind showers along windward slopes, rainfall remained deficient over much of the State. On Kauai and Oahu, windward and leeward coastal plains had well under half their March average. On all of Lanai and the western third of Molokai no gage reported as much as 25 percent of its normal March rainfall. Maui's western coast, the central valley, and the southwestern slopes of Haleakala had less than half their average rainfall for the month. The Kihei area had no rain at all. In Hawaii Island's Kau and Kona areas, where the drought continued virtually unabated, almost all gages read under half their average monthly rainfall.

Saul Price
Regional Climatologist for Pacific
National Weather Service Office
P. O. Box 3650
Honolulu, Hawaii 96811

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature								No. of Days				Precipitation				Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														2.25	- 3.96			.0	0				0
KANALOHULU 1275		66.7	51.5	59.1		73	12	42	1		0	0	0	0	2.46		.63	17	.0	0		8	2	0
KAPAA STABLES 1104	A														2.74				.0	0				0
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		76.3	66.8	71.6		79	28+	63	18		0	0	0	0	2.21		.31	5	.0	0		10	0	0
KOLOA 936	A														7.86	1.23			.0	0				
LIHUE WSO 1128.1 AP	//R	79.4	71.3	75.4	4.4	82	13+	69	22+		0	0	0	0	1.26	- 3.30	.30	16	.0	0		3	0	0
MANA 1026		82.7	61.6	72.2	1.0	85	30+	57	3		0	0	0	0	.68	- 1.97	.19	26	.0	0		3	0	0
N WAIMEA DITCH 1051	A														20.10				.0	0				
PH WAINIHA 1115															19.81	5.36	6.63	12	.0	0		23	10	7
PIEHU RIDGE 1040															1.02		.55	12	.0	0		3	1	0
WAHIAWA 930	A														2.75	- .75			.0	0				0
WAIAHI LOWER 1054		75.3	62.8	69.1		78	21+	58	2+		0	0	0	0	13.93		1.64	12	.0	0		22	11	4
WAIMEA 947															.32	- 2.04	.20	12	.0	0		2	0	0
ISLAND				69.5											5.95				.0					
* * *																								
ISLAND OF OAHU																								
HONOLULU OBSERV 702.2															.28		.07	30	.0	0		0	0	0
HONOLULU WSO 703 AP	R	82.3	69.8	76.1	3.3	84	31+	66	22		0	0	0	0	.40	- 2.49	.11	10	.0	0		1	0	0
KAHUKU 912	A																		.0	0				
KANEOHE MAUKA 781		75.9	68.2	72.1	.8	79	22	65	1		0	0	0	0	4.76	- 2.50	1.43	23	.0	0		19	1	1
KOOLAU DAM 833	R														25.77	15.79	4.08	11	.0	0		27	18	12
LUALUALEI 804	A	82.6	65.3	74.0		87	26	60	31+		0	0	0	0	.87		.25	29	.0	0		5	0	0
MAKAPUU POINT 724		73.2	65.1	69.2		76	13	54	30		0	0	0	0	1.19	- 2.73	.22	23	.0	0		5	0	0
NUUANU RES 4 783															9.56	- 2.45	1.24	23	.0	0		21	7	1
OPAEULA 870	A	73.8	60.9	67.4	.6	79	14	58	1		0	0	0	0	3.64	- 2.57			.0	0				
PALOLO VALLEY 718	R														14.38	1.53	1.86	11	.0	0		23	13	5
PRI WAHIAWA 820.2	A	77.7	62.4	70.1		82	13	55	1		0	[illegible]	0	0	2.65				.0	0				0
WAHIAWA DAM 863	A														3.85				.0	0				
WAIAHOLE 837	A														6.49	- 8.34	1.07	23	.0	0				1
WAILEE 896.3		77.9	67.5	72.7		81	22	64	3		0	0	0	0	1.87		.48	23	.0	0		6	0	0
WAIALUA 847	A	77.8	62.2	70.0	- .3	83	13	57	1		0	[illegible]	0	0	.97	- 2.53	.15	11	.0	0		4	0	0
WAIKIKI 717.2		81.5M	67.8M	74.7M		85	14+	63	2		0	0	0	0	.66		.12	17	.0	0		1	0	0
WAIMANALO EXP FARM		78.0	68.1	73.1		80	23+	65	4		0	0	0	0	.83		.18	23	.0	0		1	0	0
WAIPAHU 750	A														.37	- 2.81	.18	23	.0	0		1	0	0
ISLAND				71.9											4.62				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														3.36	- 1.20			.0	0				
MAPULEHU 542															4.99	.77	.60	17	.0	0			1	0
MAUNALOA 511	A														.47	- 3.30			.0	0			0	0
MOLOKAI AP 524		76.6	66.7	71.7		83	13	64	19+		0	0	0	0	2.48		.64	19	.0	0		6	3	0
ISLAND				71.7											2.83				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	72.9M	60.4M	66.7M	.7	79	20	55	19+		0	0	0	0	.67	- 3.66	.40	30	.0	0		2	0	0
ISLAND				66.7											.67				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														18.95	9.74	2.55	17	.0	0		26	13	7
HALEAKALA RS 338		57.8	41.5	49.7		64	21+	34	1		0	0	0	0	7.18		2.00	17	.0	0		13	4	2
HANA AIRPORT 355		79.6M	66.9M	73.3M		81	30	64	27		0	0	0	0	*		1.01	11	.0	0			2	2
HONOKOHAU 493	A														4.27	.19			.0	0				0
KAANAPALI AIRPORT		79.1	66.2	72.7		82	22+	63	1		0	0	0	0	1.06		.19	19	.0	0		4	0	0
KAHULUI WSO 398 AP	R	81.6	67.4	74.5	2.3	87	13+	61	12		0	0	0	0	1.35	- .87	.37	1	.0	0		4	0	0
KAILUA 447		73.5	63.1	68.3	.2	80	25+	61	3+		0	0	0	0	16.13	3.95	2.89	11	.0	0		28	11	3
KEANAE 346	A														42.10	14.94			.0	0				
KIPAHULU 258															10.87	1.31	1.53	12	.0	0		24	6	3
KULA SANATORIUM 267		70.7	53.6	62.2	1.0	73	27+	50	18		0	0	0	0	1.06	- 2.24	.60	12	.0	0		3	1	0
LAHAINA 341		84.8	62.1	73.5		87	12	59	25+		0	0	0	0	.60	- 1.33	.54	31	.0	0		1	1	0
PAIA 406															4.10	.05	.70	17	.0	0		16	1	0
WAILUKU 380	A	76.9M	66.0M	71.5M	.0	82	13	64	19+		0	0	0	0	1.20	- 2.55			.0	0			0	0
ISLAND				68.2											9.07				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		75.7	63.9	69.8	.3	82	13	60	26		0	0	0	0	12.87	4.31	2.19	31	.0	0		20	10	4
HAWAII VOLCANO OBS 54		63.2	50.9	57.1	- .8	67	30+	47	25		0	0	0	0	19.04	7.06	2.19	17	.0	0		29	12	6
HILO WSO 87 AP	R	79.4	65.5	72.5	1.9	83	13	60	26		0	0	0	0	18.84	4.14	2.37	12	.0	0		28	13	5
HUEHUE 92.1	A														.77	- 2.94			.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature									No. of Days				Precipitation				Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
KAINALIU 73.2		76.4	59.7	68.1		80	11	56	26		0	0	0	0	2.07	- 3.21	.75	18	.0	0		5	1	0
KEAAU 92		76.6	62.4	69.5	- .8	79	11	59	27		0	0	0	0	19.13	3.55	1.91	31	.0	0		31	16	6
KEALAKEKUA 26.2		M	M	M		86	30+	56	26		0	0	0	0	.60		.17	28	.0	0			0	0
KONA (KAILUA) 68.3	A	80.5M	67.0M	73.8M		83	30+	62	25+		0	0	0	0	1.48		.77	29	.0	0				0
KUKUIHAELE HIC 199															12.46	2.42	1.46	31+	.0	0		23	7	5
KULANI CAMP 79		58.6	45.9	52.3		72	9	40	27+		0	0	0	0	24.76		3.19	31	.0	0		24	15	10
PAHALA 21	A	79.8M	61.9M	70.9M	2.0	86	5	57	26		0	0	0	0	2.26	- 3.32	1.11	30	.0	0		4	2	1
POHAKULOA 107	A														.48				.0	0			0	0
PUAKO 95.1	A	83.5	68.5	76.0		85	29+	63	5		0	0	0	0	.06		.06	31	.0	0		0	0	0
PUU WAAWAA 94.1	A														.42	- 2.79	.15	12	.0	0			0	0
UMIKOA 118															17.43	4.70	3.73	7	.0	0				
WAIAKEA SCD 88.2															39.47		4.76	31	.0	0		31	24	15
ISLAND				67.8											10.76				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	E	90.3	78.5	84.4	1.3	93	26+	73	9		23	0	0	E	9.26	6.77	2.93	7	.0	0		8	5	2
FAGA ALU RESERVOIR															7.46		1.10	28	.0	0		20	5	1
JOHNSTON WSO AP	R	79.0	72.8	75.9	- 1.3	82	14	67	15		0	E	0	0	2.31	- .03	1.55	15	.0	0		3	1	1
LEONE		91.6M	74.9M	83.3M		95	17	72	10		27	0	0	0	6.42				.0	0				
FRENCH FRIGATE SHOALS		78.7M	67.5M	73.1M		83	25	64	9+		0	0	0	0	.56		.18	21	.0	0		2	0	0
LUMA VILLAGE															4.51		.54	31	.0	0		15	1	0
MIDWAY SAND ISLAND		77.4	66.7	72.1		81	20	61	10		0	0	0	0	5.71		.86	20	.0	0		11	5	0
PAGO PAGO WSO AP	R	89.2	76.5	82.9		91	28+	74	10+		12	E	0	0	4.94		1.02	14	.0	0		11	3	1
SWAINS ISLAND		89.2	72.1	80.7		91	26+	65	31		18	0	0	0	7.47		1.28	30	.0	0		16	5	1
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																							
ANDERSEN AFB GUAM		81.9	75.4	78.7		84	28+	73	23		0	0	0	0	2.18		.46	23	.0	0		5	0	0
CLARK AFB LUZON		88.8	69.4	79.1		97	31	64	21		14	0	0	0	.14		.06	28	.0	0		0	0	0
GUAM NAS		86.1	73.0	79.6		89	20+	67	4		0	0	0	0	.89		.18	23	.0	0		3	0	0
GUAM WSO	R	85.1	71.4	78.3	- .5	88	15	66	18+		0	0	0	0	1.57	- 1.07	.28	23	.0	0		4	0	0
MANGILAO															1.58		.30	25	.0	0		5	0	0
ROTA															3.99		.75	30	.0	0		13	2	0
SAIPAN USCG LORAN		87.3	71.9	79.6		90	27	52	20		1	0	0	0	1.02		.19	31	.0	0		4	0	0
WAKE WSO AP	R	84.1	72.5	78.3	.5	85	31+	69	12		0	0	0	0	1.41	- .06	.77	12	.0	0		3	1	0
* * * CAROLINE AND MARSHALL ISLANDS																							
ANGUAR															4.12		1.18	6	.0	0		8	3	1
ENIWETOK		85.8	75.0	80.4	- .9	87	30+	70	14		0	0	0	0	.29	- 1.57	.08	31	.0	0		0	0	0
FALALOP I, ULITHI		85.8	77.7	81.8		88	30+	74	26+		0	0	0	0	1.15		.26	9	.0	0		4	0	0
KAPINGAMARANGI ATOLL		88.9	77.1M	83.0M		93	7				14	0	0	0	15.40		3.00	11	.0	0		17	7	5
KOROR WSO	R	88.2	75.5	81.9	1.2	90	12+	74	22+		2	0	0	0	2.95	- 4.68	1.27	11	.0	0		6	1	1
KWAJALEIN WSO AP	R	88.5	78.2	83.4	2.9	90	26+	74	29		5	0	0	0	1.20	- 5.26	.65	29	.0	0		2	1	0
LELE I. KUSAIE		86.9M	73.3M	80.1M		90	21	67	28		1	0	0	0	7.35		1.57	16	.0	0		15	5	1
MAJURO WSO AP	R	85.6	77.5	81.6	1.0	87	29+	74	8+		0	0	0	0	11.05	- .67	4.64	8	.0	0		11	6	3
METALANIM		87.4	74.3	80.9		90	9	68	29		1	0	0	0	9.58		2.76	2	.0	0		11	7	2
MOKIL ATOLL															4.42		1.85	2	.0	0		7	2	2
NGASANG, BABELTHUAP															1.13		.43	28	.0	0		4	0	0
PONAPE WSO	R	87.3	77.1	82.2	1.6	90	24	74	28+		1	0	0	0	7.71	- 6.84	1.75	1	.0	0		14	4	3
SATAWAN ATOLL																	1.40	17						
TRUK, MOEN I, WSO AP	R	86.1	78.3	82.2	1.4	88	25	74	26		0	0	0	0	4.59	- 3.16	2.33	10	.0	0		8	3	1
WOLEAI ATOLL		89.1	74.5	81.8		90	31+	70	23		10	0	0	0	2.83		2.10	25	.0	0		2	2	1
YAP WSO AP	R	87.7	75.6	81.7	.7	89	30+	71	16		0	0	0	0	1.54	- 3.84	.90	26	.0	0		3	1	0

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * * ISLAND OF KAUAI																																	
ANAHOLA 1114	A	2.25	.27		*	*	.25	.15			.65	*	*	.55	.05		.57		*	*	.45	.14								.10	.15	*	
BRYDESWOOD STA 985	A	6.83	.02	T	*	*	.48	.38	.01	.12	.20	*	*	.12	.18	.12		.14	*	*	.53		.25			*	*	.60	.32		.10	.15	*	
EAST LAWAI 934	A	7.04	.09	.02	*	*	.21	.52	.02	.04	.10	*	*	.12	.16		.14	.45	*	*	1.47					*	*	.38					*	
ELELE 927	A	1.84			*	*	.05	.12			.08	*	*	.04	.26	T			*	*	.44	.01	.02	T		*	*	.14	.14		.14	.03	*	
HALAULA 1110	A	2.50	.27		*	*	.18	.20			.02	*	*	.70	.04		.35		*	*	.14	.05								.03	.11	*	
HALENANAHO 1006	A	6.46	.13	.02	*	*	.11	.28	.04	.03	.14	*	*	1.16	.45	.24	.25		*	*	.42												
HUKIPO 945		.45												.37																			
ILILIULA INTAKE 1030	A	20.44	.25	.01	*	*	.64	.99	.14		.34 1.30	*	*	3.43	.70	.17	1.56	1.15	*	*	.84		.47			*	*	1.99	.62		.05		*	
INTAKE WAINIHA PC 1086	A	25.03	.48	*	*	*	.98	.67	*	*	1.22	*	4.90	1.17	*	*	*		*	*	1.37	*	*			*	*		*	*	*		*	
KANALOHULUHULU 1075		2.46	.10		.03	.01	.02	.06		.03	.93		.25	.56				.05	.5	.0	.02									.09	.11	.02	
KANEHA RESERVOIR 1092	A	5.97	.28		*	*	.15	.75		.05	.14	*	*	1.40	.25	.17	.18		*	*	.62					*	*	.44	.5				
KAPAA STABLES 1104	A	2.74	.05		*	*	.19	.26				*	*	.11		.03	.17	.18	*	*	.11	.03				*	*	.14	.4		.04	.33	*	
KEALIA 1112	A	2.56	.20	.03	*	*	.20	.07				*	*	1.10	.04		.05	.15	*	*	.02					*	*	.15	.4		.02	.11	*	
KEKAHA 944		.17									.01		.02	.08																			
KILAUEA 1134	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		2.21			.01	.04	.3.	.02	.04	.1	.03	.16	.6	.3	.05	.05	.14				.05									.14	.14	.02	
KOLO 1033		.50						.07			.05		.05	.15															.15	.10			
KOLOA 936	A	7.86	.15	.09	*	*	.25	.44	.03	.08	.19	*	*	.15	.10		.26	.53	*	*	.66	.11	.16	.08	.25	*	*	1.00	.55		.15	.35	*	
KOLOA MAUKA 994	A	10.42	.14		*	*	.29	.36	.07	.43	.18	*	*	2.35	.28	.42	.31	.4	*	*	.14	.4	.6	.3	.44	*	*	1.14	.41	.07	.19	.43	*	
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUKUIULA 935	A	3.72	.05	.03	*	*	.17	.16	.05	.4.	.07	*	*	.92	.04	.02	.12	.27	*	*	.78	.1	.4	.1	.15	*	*	.4	.21	T	.1	.21	*	
LIHUE VARIETY STA	A	5.21	.30	.05	*	*	.14	.50		.07	.10	*	*	.68	.05	.07	.24	.44	*	*	.48	.1	.34	.2	.44	*	*	.1	.48	.4	.38	.32	*	
LIHUE 1020	A	2.15	.02		*	*	.02	.09			.01	*	*	.34	.08	.4	.8	.34	*	*	.44	.1	.01	.2	.44	*	*	.2	.02		.04	.36	*	
LIHUE WSO 1020.1 AP	//R	1.26	T	.02	T	.01	.06			.0.	T	.07	.04	.01	.01	T	.04	.3	.4	.03	.04	.4		.05	.05	T	T	.4		.4	.11	.28	.02	
MAKAHUENA POINT 940.1		2.27	.04	.03	.02	.02	.04	.06		.01	.06	.01	.20	.17		.0.	.04	.34	.44	.15	.04	.1	.1	.1	.1	.1	.1	.03	.3		.26	.15	.01	
MAKAWELI 965	A	.35			.01	.01					.01			.18					.04					.1	.1	.1		.1		.1	.02	.1	
MANA 1028		.68	.05					.15					.06	.18														.14	.05				
MOHIHI UPR CROSS 1083	A	7.07		.09		.09	.26		.04	.6.		.76	1.44	.17			.26	.45	.8.	.17		.4		.34	.4	.6	.8	.26			.34	.17		
MOLOAA 1145	A	2.10	.09	.04	*	*	.10	.48			.33	*	*	.1	.10		.24	.13	*	*	.4	.4		.24	.2	*	*	.4	.45		.4	.24	*	
MOUNT WAIALEALE 1047	R	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
NIU RIDGE 1035		.92	.05					.25						.1											.1						.10		
N WAILUA DITCH 1051	A	20.10	.46		*	*	.50	1.66		.70	.46	*	*	6.00	.86	.4.	.7.	.4	*	*	1.40	.4	.36	.3	.4	*	*	.5.	.90		.46	.66		
PH WAINIHA 1115		19.81	.22	.08	.07	.02	.29	.58	.05	.13	.45	.19	1.25	6.63	.02	.02	.4.	1.3	1.62	.09	.23	.12	.30	.4	.4.	.8	.16	.53	.4.	T	.48	.98	.4.
PRINCEVILLE RANCH 1117		6.94	.03	.05	.10			.69	.01	.14	.12	.02			1.58	.2.	.11	.6.	.4.			.24	.06	.1				.44			.86		.05	.6.	.5.
PUEHU RIDGE 1040		1.02	.04					.12						.55											.3.								
PUHI 1013	A	3.47	.07		*	*	.04	.20		.02	.05	*	*	.42	.04	.11	.16	.4.	*	*	.6.	.1	.4	.06	.4.	*	*	.2.	.08		.06	.18	*	
RESERVOIR 6 1004	A	6.25	.10	.03	*	*	.13	.26		.06	.08	*	*	.1.	.12	.4.	.34	.6.	*	*	1.22	.15	.07	.1	.1.	*	*	.4.	.26	.05	.11	.31	*	
WAHIAWA 930	A	2.75	T	.01	*	*	.06	.21		T	.05	*	*	.4.	.04	.01		.07	*	*	.5.	.5	T	T	.1.	*	*	.3.	.5	T	.07	.08	*	
WAHIAWA MOUNTAIN 990	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WAIAHI LOWER 1054		13.93	.31	.04	.07	.08	.26	.99	.07	.07	.3.	.08	1.29	1.64	.50	.54	.3.	.73	.5.	.28	.5.	.1	.42	.1.	.48	.5.	.5.	.5.	.66	.06	.1.	.80	.1.
WAIAHI UPPER 1052		17.92	.23	.01	.15	.25	.60	.80	.11	.07	.33	.80	1.10	3.1.	.66	.69	.45	1.01	.4.	.40	.3.	.1.	.45	.1.	.5.	.5.	.6.	.65	.68	.02	.12	1.01	.3.
WAIAWA 943		.16												.1.											.1.								
WAILUA KAI 1065	A	2.36	.04	.02	*	*	.15	.31		.03	.02	*	*	.32	.03		.1.	.22	*	*	.21	.1.	.06	.1.	.1.	*	*	.0.			.02	.46	*	
WAIMEA 947		.32												.20											.1.								
WEST LAWAI 931	A	4.49	.04	.02	*	*	.15	.16	.02		.05	*	*	1.05	.03	.01	.06	.28	*	*	1.01	.1.		.28	.1.	*	*	.4.	.28		.1.	.23	*	
* * * ISLAND OF OAHU																																	
BERETANIA PUMPING STA		2.73			.04	.06	.09	.09	.10	.04	*	.08	.12	.1		T			*	*	.60	.02	.01	.6.	.1	.6	.8	*	.36	.20	.1	.03	.0.
CAMPBELL IND PK 702.5		1.86			.44	.02	T	T		.40												T								T		
CAMP H 807	A	1.08	.04	*	*	*	.16	.07	.2.		*	*	*	.1.	*	*	.07		*	*	.29		*	.0.	.1.	*	*	*	.06	*	.1.	*	*
CHURCH COLLEGE LAIE		2.10	.03	.01	.03	.01	.09	.03	.03		.26		.29	.2	.15	.01		.02	.4.	.07		.4.		.0.	.1.			.23	.7	.3.	.05	.0.
COCONUT ISLAND 840.1		1.53	.01	.05	.03	.05	.08	.05		.03	.0.		.11	.05	.04	.06	.04	.4.	.2.		.05	.1.	.4.	.0.	.3.	.7	.6	.4.		.1.	.05	
EWA PLANTATION 741		.22			*	*	.03															.2.			.09				.08		.0.		
HELEMANO INTAKE 881	A	7.59	.04	*	*	*	1.06	*	*	.98	*	*	*	1.65	*	*	.23	*	*	*	.7.	*	*	.42	*	*	*	1.2.	*	*	1.2.	*	*	
HOKULDA 725.2	A	.81	*	*	*	■	.30	*	*	*	*	■	*	.1	*	*	*	*	*	*	.32	*	*	*	*	*	*	*	*	*	*	*	*	
HONOLULU OBSERV 702.2		.28			.04	.03			.01																.06	.1.			.06			.07		
HONOLULU WSO 703 AP	R	.40	T	T	.02	T	T	T	T	T	T	.11	T	T	T	T	T	.08	.01	.04	T	T		.04	.0.	T	T	.05	T	.02	.01	T	T
HONOLULU SUBSTA 704	R	1.54			.05		.12			.04	.02	.14	.1.					.15	.5.	.05				.12	.1.			.2.		.1.	.06	.02	
H S P A EXP STA 707		3.50		T	.09	.07	.1.	.08	.11	.0.			.39	.21	.01	T	T	.1.	.0.		.11	.02	.02	.0.	.1.	.1.	.1.	.2.	.1.	.0.	.04	.08
KAENA POINT 841.3		1.19			.03		.26	.01		.01		.36	.05		.01			.03			.20	.3.			.1.			.1.	.03	.02	.01	.01
KAHANA 883	A	19.15	*	*	*	*	3.08	*	*	*	*	*	*	5.00	*	*	*	*	*	*	4.60	*	*	*	*	*	*	5.87	*	*	*	*	*	
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		1.11			.10	.02	.10	.02				T		.04		T					.30		.05		.21				.09		.18		
KALIHI RES SITE 777	R	10.16	.02	.14	.42	.20	.34	.02	.04	.42	.02	.30	.48	.80	.28	.14	.04	.48	.0.	.42	.02	.4.	.6	.9.	2.04	.14	.7	.1.		.13	.30	.68	.30
KANEOHE MAUKA 781		4.76	.08	.14	.10	.06	.16	.21	.05	.12	.06	.02	.22	.5	.12	.10	.06	.1.	.18		.2.	.1.	.4.	.0.	.43	.19		.2.		.01	.27	.19	.11
KAPALAMA 773	A	5.43		.08	*	*	.68		.31	.15	.17				.25			.17	*	*	.0.	.13	.12	.6.	.7.	*	*	*	.9.	.0.	.15	.23	*
KAWAIHAPAI 841	A	.80		.02	*	*	.20	.01	.08			*	*	.7				.05	*	*	.09	.1.						.1.					
KAWAI IKI INTAKE 880.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEMOO CAMP 8 855	A	1.35		.07	*	*	.17	.07	.03	.05	.01	*	*	.24					*	*	.34	.05			.2.	*	*	*	.1.		.06	.0.	
KOOLAU DAM 833	A	25.77	.04	.40	1.40	.21	.43	1.24	1.30	.67	.28	1.03	4.08	.08	.36	1.50	.37	.63	.35	.21	.65	1.73	1.13	.7.	.0.	.85	1.55	1.43	.63	.20	.01	.08	1.20
LUALUALEI 804	A	.87		.10								.0.	.10	.10							.02	.05			.05			.03			.25	.05	
LUALUALEI WTR TUNNEL	A	5.65	*	*	*	*	*	*	*	*	*	*	5.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.03			.02	T	T														T	T			.01							T	
MAKAHA PUMP 800.2	A	.31					.18							.13																				
MAKAPUU POINT 724		1.19				.14	.16	.08		.0.								.09	.15		.05	.4.			.1.				.6	.11	.06	.0.	
MANOA 712.1		11.64	.06	.01	.25	.28	.38	.20	.21	.23	.17	.13	.42	1.70	.10	.0.	.06	.33	.0.	.10	.74	.4.	.4.	.2.	.1.	.8.	.12	.14	.61	.21	.39	.30	.39
MANOA TUNNEL 2 716	R	17.96		.34	.80	.20	.64	.02	.44	.48	.02	.36	2.34	.72	.80	.0.	.31	1.25	.24	.84	.08	.4.	.4.	.2.	.1.	.4.	.6.	.14	.16	.6.	.1.	.0.	.38
MOANALUA 770		3.65		.04	.24	*	.18	T	.13	.0.	.6.	*	*	.55	.02				.1.	.2.	.22	.1.	.01	.04	.38	.20	.03	.1.	*	.5.	.1.	.1.	.17
NUUANU RES 4 783		9.56		.24	.46	.22	.26		.16	.6.		.36	.90	.8	.42		.14	.70	.0.	.40	.1.	.5.	.1.	.6.	.8.	.2.		.10	.4.	.0.	.1.	.76	.1.
NUUANU RESERVOIR 5 775	A	11.07		.32	*	*	.90	*	.6.	*	.47	*	*	*	2.52	.5.	*	*	*	*	1.02	.2.	*	*	.1.	*	*	*	*	1.34	*	*	.68	.1.
OPAEULA 870	A	3.64	T	.02	*	*	.80	.02	.12	.04	.12	*	*	.1.					.4.	*	.0.	.1.		.04	.8.	T	.02	T	.1.		.0.	.04	.02	.10
PALI GOLF COURSE 788.1		3.48		.12	.15		.29		.04	.09	.11		.12	.2	.15	.06	.08	.29	.4.	.03	.3.	.03	.2	.0.	.5.	.1.	.5	.4.		.05	.07	.19	.09
PALOLO VALLEY 718	R	14.38		.08	.66	.28	.56	.04	.34	.52	.02	.30	1.86	.78	.52	.02	.20	1.04	.26	.76	.0.	.5.	.4.	.1.	1.42	.1.	.8	.2.	.2.	.12	.10	.54	1.52	.30
PAUOA FLATS 784	R	19.70	.04	.32	1.08	.20	.64		.76	.92	.08	.64	2.00	.28	.96	.06	.20	1.74	.24	.66	.10	1.44	.06	.1.	.4.	.3.	.3.	.4.	.3.	.4.	.32	.44	2.05	.29
PORTLOCK ROAD 724.4		1.48			.11		.15	.01	T	.02	T			.16	.02		.01	.1.	T	.08	.01	.1.	.4.		.1.			.03	.01	T	.1.	*	.50
PRI WAHIAWA 820.2	A	2.65	.01	T	*	*	.36	.11	.07	.03		*	*	.64	.04			.1.	*	*	.65	.1.	.1.		.27	*	*	*	.1.	.11	.1.	.08	.0.
PUNCHBOWL CRATER 709	A	4.22		.07	.04	.15	.10	.06	.08	.10	.02	.01	.79	.01	.04	.01		.06	.54	.02	.17	.4.	.03	.02	.35	.45	.04	.0.	.38	.36	.19	.08	.07
ST STEPHENS SEM 788		3.21	T	.04	.07	.14	.11	.03	.01	.08	.12	.01	.77	.04	.28	.12	.02	.31	.24	T	.26	.1.	.1.	.08	.58	.08	.1	.04	T	T	.04	.11	.0.
TANTALUS 2 780.5		17.48	.03	.12	.67	.57	.51	.29	.57	.29	.31	.03	.78	1.95	.33	.07		.4.	.65	.0.	.78	.28	.78	.39	1.48	1.32	.1.	*	.65	.60	.82	.58	.92
UNIV OF HAWAII 713	A	4.94	T	T	*	*	.36	.06	.13	.03	.01	*	*	1.5	.03	.1	T	.30	*	*	1.0	.4.	.05	.04	.4.	*	*	*	*	.04	.15	.11	.12	*
UPPER WAHIAWA 874.3		10.68	T	.07	1.10	.25	.91	.57	.85	.57	.42	.04	1.46	.02	.11			.1.	.6	.08	.29	.7	.16	.06	.64	.65	.7	.10	.42	.12	.26	.24	.42
WAHIAWA DAM 863	A	3.85		.01	*	*	.72	.29	.29	.02	.0.	*	*	.50					*	*	1.45	.1.			.24	*	*	*	.05	.2.	.05	.10	*	*
WAIAHOLE 837	A	6.49	.08	.14	*	*	.59	.13	.02	.14	.26	*	*	.08	.44	.14	.14	.8	*	*	.58	.37	.18	.04	.4.	*	*	.55	.05	.0.	.19	.3.	*
WAIALAE KAHALA 715		1.53		T	.05	.07	*	.09	.04	T	T	.01	.03			T	T	.0.	.2.	.02	.09	.3.	T	.03	.3.	.2	T	T	T	.07	.19	.18	.4.
WAIALEE 896.3		1.87					.06	.05		.06	.07	.01	.25	.11				.03	.0.	.01	.03	.4.		.1.	.48	.8		.15	.4	.07	.04	.02	.0.
WAIALUA 847	A	.97		.02	.05	.05	.07	.09	.14	T	.07		.15				T	.02	.1		.6.	.0.		T	.1.		T			.04	*	T	.0.
WAIANAE 798.2	A	.14			.06								.06					.0.			T				.0.			T				T	.0.
WAIANAE MAUKA 803	A	-	*	*	.55	*	*	*	.73	*	*	.20	*	*	*	.80	*	*	.63	*	*	*	.24	*	*	*	.73	-	-	-	-	-	-
WAIAWA 836	A	16.43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	16.43
WAIKANE 885	A	-	*	*	*	*	1.63	*	*	*	-	*	*	1.59	*	*	*	*	*	*	1.93	*	*	*	*	2.43	*	*	*	*	*	*	*
WAIKIKI 717.2		.66			.02	.03	.05	.02	T				T				.03	.2.	.1.	T	.05	T		T	.38	.4	T		.4.	.07	*	.09	
WAIMANALO EXP FARM		.83		.01	.04	.04	.08		.01				.02	.01		.01		.07	.08		.07	.0.			.8	.2				.08	.09	.0.	
WAIMEA 892	A	4.09	.02	.10	*	*	.37	.08	.16	.25	.28	*	*	.70	.02			.09	*	*	.37	.5.	.06	.09	.3.	*	*	.12	.35	.13	.25	.12	
WAIPAHU 750	A	.37			*	*	.02	.01	.02			*	*	.05	.02						.05				.8					.01	.01		
WILHELMINA RISE 721	R	4.97		.02	.26	.06	.30	.02	.14	.08		.0.	.24	.2	.08		.04	.48	.3	.48	.02	.1.	.02	.4	.45	.4		.06	.14	.1.	.24	.35	.0.

See reference notes following Station Index

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1973

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ISLAND OF KAUAI																																
	A	4.00		.21	.73	.04	.09	.14	.48	.02	.04	.08	.12	.66	.03		.01	.18		.05	.08	.04	.06	.17	.20	.36	.10	.09	.12	.21	.06	.09	
	B	3.00																														
	A	.07																			.89											
	A	3.48	.12	.16			.34	.36	.27		.02			.02			.01				1.72						.08	.18	.08			
		4.99		.13	.15	.22	.14	.15	.12	.08	.06	.14				.27	.24	.30	.60	.36	.24	.21	.12		.35		.16		.08	.40	.06	.20	.26
	A	.47					.06											.02			.31				.01					.04		.04	
	A	2.48	.01		.01	.11	.16	.98											.58		.64				.06			.01		.08	.01	.14	.01
							.23		.19		.06		.18		.01		.02	.11	.35		.38	.05		.02	.29	.07			.09	.09	.05		
	A	1.47						.27							1.17								5.40					1.07				
ISLAND OF MAUI																																
	A	.40																														
KAUMALAPAU HARBOR 658	A	.13																														
		.07					.05					.10		.03		.02							.02					.13			.40	.03	
	A	.42									.11						.11							.12					.02				
MAHANA 694	A	.15	.15																													
	A	.20	.20																													
HALEAKALA 685	A	.31															.12												.15		.19	
ISLAND OF MAUI																																
	A	.07																														
	A	18.95	.8	.50	.23	.85	.37	.48	2.12	.10	.4	.12	2.30	.12	.02			.58	2.55	1.13	1.11	.14	.35		.13	.52	.10	.07	.17	.49	.61	1.11	1.47
	A	5.17	.39				.33		.70		.10			.71							2.12									.38	.17	.37	
HALEAKALA RS 338		7.68		T	T	.02	.08	.13	.15	.08	.15	T	1.47	.24		T		.07	2.00	.65	.35			.02	.08	.24	T	T	.04	.35	.19	.30	.57
	A			.02					.05		.01		.22	.09				.01	.45	.08					.07	.06	.04		.19	.09	.01	.21	.20
	A	6.74	.30	.75			.66	.12	.81	.23	.08			.30				.14			2.10	.16	.11		.01				.16	.10	.33	.36	
	A	8.42	.05	.31	.06	.45	.45	.40	.40	.30		.17	.42	.08	.01	.07	.02	.10	.91	.25	.63	.11	.15	.01	.25	.16	.04	.10	.25	.51	.22	1.15	.41
	A	3.45		.06	.03		.25		.02	.01				.60	.05				.30		.12	.14		.05	.20	.24		.20	.08	.11	.27	.60	.15
				.14		.36	.25	.21	.73	.03	.04		1.01	.10	.09	.06	.04	.10	.29	.10	.19	.31							.37	.47	.48	1.00	
		8.64	.04	.25	.08	.34	.28	.25	.25	.05	.03	.25	.98	1.16	.27	.04	.03	.13	.35	.25	.22	.15	.10	T	.16	.45			.30	.70	.30	.80	.62
	A																															
	A																															
	A	4.27		.18			.30	.14	.10	.07	.11			.33			.05	.07			.95	.03	.10	.03	.30			.26	.60	.12	.53	
	A	19.44																													19.00	
		1.06			T	.06	.04	.04	.09	T	.01	T						.01	.16	.06	.19	T			T				.01	.04	.09	.10	.06
	A																															
	A	1.35	.37	T	.03	.04	.02	.09	.35	T	T	.02	T				T	.14	.24	.14	T			T	.01		.04	.01	.03	.08	.04	T	
	A	35.84																														
KAILUA 446		6.13	.44	.87	.44	.54	.21	.19	.26	.22	.08	2.89	.26	.07	.21	.11		.23	1.18	.58	.66	.31	.57	.20	.45	.85	.06	.16	.22	.81	.23	2.26	.86
	A	4.96					.20						1.54								1.92							1.30					
	A	1.80	.13	.15	T	.05	.02	.08	.22	.02	.01	.04	.14	.01				.01	.25	.22	.19	.02	T		T		T	.01	.16	.04	.03	
	A	42.10																														42.10
		.00																														
		.20																														
KIPAHULU 559		10.87	.65	.20		.40	.60	.36	.26	.15	.20		1.10	1.53	.32	.12	.07	.16	.30	.42	.23	.25	.34	.03	.31	.24			.21	1.36	.38	.75	.52
		.32											.03	.17					.04												.08	
		1.16		.13						.02				.60		T	.01							.03	.08				.07			.12	
		.60																	.06												.54	
	A	7.60																	.07												7.60	
	A	.27																													.20	
	A	22.70																													22.70	
	A	6.52	.15	.70		.16	.21	.10	.38	.09								.15	.73	.55	.60		.06		.20		.35	.05		.26	.18	.90	.70
	A	3.36					.42							.87					.86		.86								.48		.75	
	A	4.83		.03			.14	.03	.27	.05	.05			1.45	.02	T	T	.01			1.82		.10	.01	.03				.11	.14	.13	.42	
		.03																													.03	
		29.66	.51	.71	.36	.72	.93	.48	.96	.39	.53	.26	4.19	1.05	.68	.46	.41	.47	1.42	.47	1.11	.51	1.49	.35	1.31	1.38	.22	.62	.98	1.61	1.13	2.32	1.63
		4.10	.12	.16	.03	.20	.17	.12	.37	.10	.01	.07	.06	.01		.01	T	.03	.70	.18	.39	.02	.01		.08	.13	.02	.10	.09	.17	.21	.44	.10
	A	14.74														8.54					1.66											4.54
	A	.17	.04	.02																												
	A	.78																													.78	
	A	36.00																													36.00	
		.71	.06				.05	.06	.05									T	.17	.09	.07			T	T				T	.01	T	.17
		1.90	.18	.11		.05	.08	.07	.17	.01	T	.05	.03					T	.48	.11	.20				.01	.01		.04	.01	.05	.18	.13	.03
	A	.00																														
	A	11.44																													11.44	
	A	.00																														
		.20									.05										.10		.02		.10	.05						.03	
	A	1.28				.10													.26								.05			.03	.12	.57
	A	2.06	.06	.19			.28	.09	.16			.09	.07					.03	.30	.08	.17				.03			.20	.19	.06	.06	
	A	3.32	.10	.15			.31	.25	.32			.19	.08					.08	.45	.05	.34				.06			.25	.53	.09	.07	
	A	27.50																													27.50	
	A	46.72	1.15	1.35			3.15	.42	4.30	.50	.97			7.13	.11	.18	.07	1.66			12.87	.32	.80	.13	.73			3.76	2.06	1.21	2.85	
	A	.62	.22	.18				.03	.04											.07	.04										.04	
	A	1.42	.12	.18				.02	.02					.05				.04			.34				.03			.06	.01	.13	.03	.02	
	A	3.00												2.23																	.77	
ISLAND OF HAWAII																																
	A	2.00																													2.00	
	A																															
		.25											T	T			.01				.18	T		T				T	.03	.03			
	A	22.69														22.65																
		15.57	.23	.76	.06	.20	.36	.62	1.28	.06	.50	.09	.03				.32	.61	1.32	.38	1.70	.14	.62	.09	.15	.20	.39	.02	.10	.18	.07	.50	2.19
	A	19.41	.50	.24	.20	.11	.58	.41	.59	.49	.82	2.33	.89	.62	.48	.19	.05	.88	.10	.52	.11	.64	.31	.26	.46	.04	.01	.40	.65	.63	1.15	.94
	A	5.95																1.45														4.50
	A	4.96																														4.96
	A	5.77						.70	.65	.39	.02	.05	.10	.08		.08			.79			.17	.05	.13	.10		.06			T	1.00	1.40
		19.04	.21	.31	.06	.41	.11	.34	1.96	.64	.63	.31	.15	.17	.36	.18	.20	.66	2.19	.69	.39	.15	.94	.10	.02	1.94	1.48	.10	.73	.17	.32	1.80	1.62
	A	8.33	.07	.32			.35	.47	.86	.17	.19			.13	.02	.12	.17	.17			1.07	.19	.36	.08	.12		.18	.32	.12	.08	.77	
	A	44.24	.91	.44	.32	.92	.45	.62	3.42	.5	.96	1.17	1.03	2.12	1.43	.63	1.06	2.21	3.97	2.23	1.03	.41	2.72	.26	.46	2.63	1.39	.20	1.11	.42	.62	3.03	5.55
	A	9.84	.22	.57	.24	.82	.41	.32	.34	.8	.08	.73	2.19	2.37	.20	.14	.06	1.15	.62	.40	.30	.47	.73	.11	.40	.58	.14	.21	.04	.53	.69	1.32	.15
HOLUALOA 70	A	4.43																												9.40		
HOLUALOA BEACH 68	A				.25																					.75						
		.80	.13	.21		.03				.21							.06				.09			.39			.31	.14	.63	.03		
		15.99	.07	.45	.17	.19	.21	.48	.95	.78	.56	.76	2.32	.49	.57	.72	.32	.17	1.03	.10	.37	.25	.69	.15	.27	.44	.06	.03	.24	.62	.52	1.11	1.20
	A																															
		14.14		1.08	.38	.48	.30	1.27	1.35	.7	1.20	1.42	1.59	1.03	1.57	.89	.69	.78	4.03	.33	.90	.63	2.77	.37	.22	1.78	.39	.09	.15	.70	.68	1.39	3.53
	A	1.48																												1.98		
	A																													1.51		
MUEMUE 92.1	A																				.31		.10	.14		.16						
	A	1.14												.28				.03	.52				.42		.25						1.56	
	A	.14	.20					T	.05		.01	.03		T			.03				.05			.05	T		.07	.10	.06			
		2.07	.14	.03								.05	.01				.10	T		.75		.03		.49	.01	.02	.10	.02	.30	.07		.02
		.68		.36	.01	.06	.01	.13	.27	.32	.19	.09	.34	.48	.08	.04	.07	.01	.82	.02	.07	.05	.54	T	.01	.98	1.10	.07	.11	.04	.01	.60	.25
	A	1.04				.04							.15						.72								.13					
		4.04	.20	.10		.15			.25	.3	.02	.02	.04			.08	.11	.27	.19	.18	.18	.07	.10		.04	.27	.20	.47	.10	.04	.05	.15	.83
	A	1.47				.7							.45					.51														
	A		.50															4.78							2.15						1.49	
	A	49.10	.06	.48						11.								8.30						7.52						5.28	
		19.13	.45	.55	.24	.29	.19	.64	.78	.46	.8	.06	1.12	1.49	1.10	.32	.26	.16	1.33	.22	.81	.57	.88	.30	.23	.70	.35	.15	.20	.48	.54	1.03	1.91

* = reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		.60	*	*	*	*	*	*	*	*	*	*	*	*	*	.07	.03	[illegible]		*	.01			.05	[illegible]	*	*	[illegible]		[illegible]	.01	.01	[illegible]
KEHENA 181.2	A	21.60	*	*	*	*	*	*	*	*	*	*	*	*	*	21.60	*	[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KIOLAKAA A C F 6	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	*	*	*
KIPA 89.2	A	42.61	.88	1.09	.21	.78	.40	.85	4.00	.79	1.56	1.00	1.45	[illegible]	[illegible]	.80	1.11	1.77	[illegible]	1.32	[illegible]	[illegible]	[illegible]	.50	[illegible]	2.20	[illegible]	.03	1.19	.7	.66	[illegible]	[illegible]
KOHALA MAULILI 176	A	11.59	.28	.30	*	*	.45	.89	1.30	.14	.33	*	*	[illegible]	.06	[illegible]	[illegible]	[illegible]	*	*	2.29	[illegible]	[illegible]	[illegible]	.67	*	*	[illegible]	[illegible]	.14	.06	[illegible]	*
KOHALA MISSION 175.1		9.64	.11	.46	.09	.14	.06	.57	1.37	.26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.15	[illegible]	[illegible]	.34	.35	.50	.17	[illegible]	[illegible]	.12	.16	[illegible]	.03	.36	.10	.04	[illegible]	[illegible]
KOIAWE LOWER 196	A	17.87	*	4.35	*	*	*	*	*	*	3.62	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	3.62	*	*	*	*	*	*	[illegible]	*
KONA (KAILUA) 68.3	A	1.48															[illegible]			*	.67												
KONA VILLAGE 93.8		.17																			.17												
KUKAIAU 222		22.62	.41	.12	.44	.06	.52	1.77	.56	[illegible]	.71	.35	.38			.38	[illegible]	.4	[illegible]	.33	.61	2.16	.38	.3	.65	1.70		[illegible]	[illegible]	.19	.86	[illegible]	[illegible]
KUKUIHAELE HIC 199		12.46	.46	.46	.46	.12		.62	1.46	.2[illegible]	.24	.10	.03			.10	.36	1.13	[illegible]	.41	1.10	[illegible]	.48	.20	.32	[illegible]	[illegible]		[illegible]	[illegible]	.04	.24	1.46
KUKUIHAELE MILL 206	A	7.74	.13	.35	*	*	.15	.27	1.01	.04	.05	*	*	.5		[illegible]	.12	.78	*	*	1.78	[illegible]	.24	.24	[illegible]	*	*	*	.31	.02	[illegible]	[illegible]	[illegible]
KULANI CAMP 79		24.76	.14	.52	.05	.33	.08	[illegible]	2.30	[illegible]	.72	.38	.30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.27	[illegible]	.46		.96	.12	[illegible]	1.89	[illegible]	[illegible]	[illegible]	1.50	.34	[illegible]	3.19
KULANI MAUKA 76	A	8.42	*	.30	*	*	*	*	2.60	*	*	*	*	*	*	*	2.26	*	*	*	*	*	*	1.99	*	*	*	*	*	[illegible]			
KULANI SCHOOL SITE 78	A	23.65	*	*	1.75	*	*	*	*	*	*	6.50	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	[illegible]
LANIHAU 68.2		2.57	.03						.01	.07									[illegible]	.77				1.87	.10		.30		.04				[illegible]
MAKAHALAU 103		1.15	.21	.10					.08	[illegible]								.12				[illegible]	.08						.18				
MANUKA 2	A	1.20																					T	.30	.90					T			*
MAUNA KEA OBS 111.2		.51							.04	.04	T	T	.06	T	T	T								[illegible]	[illegible]	.01					T	.14	.04
MAUNA LOA SLOPE OBS		1.66							.01			.10	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	.27	.31						[illegible]	.02		
MIDDLE HOLUALOA 68.1	A	1.13	*	*	*	[illegible]	[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	[illegible]	*	*	*	*	*	.30	*	*	*	*	*	*
MIDDLE PEN 147.1	A	.64	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	*	*	*	*	*	.64
MOAULA 18	A	1.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.50
MOUNTAIN VIEW 91		30.41	.75	.60	.38	.46	.31	.58	1.53	1.15	1.00	.49	.89	1.17	1.27	.53	.58	[illegible]	[illegible]	[illegible]	.49	[illegible]	2.05	[illegible]	[illegible]	2.27	1.13	.5	[illegible]	[illegible]	[illegible]	[illegible]	2.24
NAALEHU 14	A	2.20	T						.01					.12		.02					[illegible]		.35	[illegible]	[illegible]	[illegible]			T		[illegible]	[illegible]	
NAPOOPOO 28	A	.33				*	*	*	*	[illegible]	*	.02	*	*	*			*	*	*	.05	*	[illegible]	*	*	*	*	*	.26	*	*	*	*
NIULII 179	A	6.61	.04	.54	*	*	.22	.43	1.14	.13	.10	*	*	.26		.63	.19	[illegible]	*	*	1.62	[illegible]	.33	.10	[illegible]	*	*	*	.38	.31	.10	.04	.12	*
OOKALA 223		15.90	.08	.52	.15	.24	.07	.55	1.01	.49	1.48	.78	.18	[illegible]	.09	.05	.32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.30	.13	[illegible]	.38		[illegible]	[illegible]	.23	1.10	1.74
OPIHIHALE 2 24.1		3.96	T	.03	T	.07	.20			.01	.05	.02				.3				[illegible]	.04	.01	.88	.01	.08	T			[illegible]	.03			
ORCHID LAND EST 91.5	A	23.24	*	4.15	*	*	*	*	*	3.42	*	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	[illegible]	*	*	*	*	*	4.24	*	
PAAUHAU 217		11.03	.17	.43	*	*	.32	.51	1.22	.08	.59	*	*	.12			.24	.59	*	*	[illegible]	.20	.49	.05	.13	*	*	.51	[illegible]	.20	.07	.58	[illegible]
PAAULIO 221		19.09	.33	.12	.56	.04	.53	[illegible]	.41	1.32	[illegible]	.04	[illegible]			.19	.99	2.20	.80	[illegible]	[illegible]	[illegible]	.24	[illegible]	.83	[illegible]	T	.10	[illegible]	.10	.55	2.51	[illegible]
PAHALA 21	A	2.26	.03							.01			.01			T			.30				.04	.16		.15					[illegible]	.50
PAHOA 65		23.65	.09	.42	.15	.18	.12	.63	.95	.77	.59	.75	[illegible]	1.13	.91	.24	.36	.32	[illegible]	.21	.80	[illegible]	.61	.14	[illegible]	1.59	.79	.35	.45	.54	.42	.81	[illegible]
PAKAO 37	A	6.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.50
PAPAIKOU 144.1		21.48	.07	.45	.11	.35	.53	.57	.51	.47	1.07	1.07	2.47	[illegible]	[illegible]	1.69	.37	.27	[illegible]	2.37	.21	.41	[illegible]	1.48	.58	.13	[illegible]	.5	.07		.34	.75	1.35	1.62
PAPAIKOU MAUKA 140.1		37.71	.58	.87	.16	.32	.40	.79	1.31	1.10	1.58	1.39	1.73	.58	1.91	[illegible]	1.00	[illegible]	4.82	.97	[illegible]	.55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.84	.48	.40	1.97	4.48
PIIHONUA 89	A	42.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	[illegible]	*	*
POHAKULOA 107	A	.48	*	*	*	*	*	*	*	*	.04	*	*	.25	*	*	*	*	*	*	*	*	*	*	.08	*	*	*	*	*	*	.11	*
PUAKO 95.1	A	.06																					T	T				-					.04
PUU KIHE 120	A	5.62	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.62
PUU LAAU 102.1	A	.12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12	*
PUU LEHUA 73	A	3.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.30
PUU MALI 113	A	1.43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.43
PUU OO 82		9.97	*	*	*	*	*	*	*	*	*	*	*	*	*	.01	.03	[illegible]	*	*	3.70	.12	[illegible]	.12	.35	*	*	*	[illegible]	.15	.10	2.20	[illegible]
PUU WAAWAA 94.1	A	.42										*	.10	.15									.03	.14									
SADDLE ROAD 1 84	A	62.15	*	*	*	*	*	*	*	*	24.00	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	[illegible]	*	*	*	*	*	[illegible]	.15	*
SOUTH POINT CORRAL 3	A	.43	*	*	*	*	*	*	*	*	*	*	[illegible]	*	*	*	*	*	*	.36	*	*	*	*	*	*	.02	*	*	*	*	*	*
UMIKOA 118		17.43	.90	.10	*	*	.19	.06	3.73	1.43	.34	.03		.02			.02	[illegible]	2.24	.90	.39	.05	.13					2.68	[illegible]			[illegible]	[illegible]
UPOLU POINT USCG 159.2		5.38	.09	.11	.01	.12	.16	.44	.57	.06	.03	.05	.01		T	[illegible]	.09	.22	[illegible]	.10	.25	.07	.06		.02	[illegible]	.01	T	.15	[illegible]	.04	.58	[illegible]
WAIAKEA SCD 88.2		39.47	1.11	.62	.32	.94	.28	.62	3.01	.60	1.17	1.03	1.34	2.66	1.01	.63	.59	[illegible]	3.54	[illegible]	1.10	[illegible]	[illegible]	.25	.40	3.82	.77	.12	.79	.26	.51	2.41	[illegible]

See reference notes following Station Index

DAILY PRECIPITATION

Station	Tot	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]	M	7.64		.80	.40	..		T	1.43	.47			T					.18		.07					T	.04	.04	.08	.01		.98	.58
[illegible]		7.64		.64	.15		.26	.60			.20	.10	.17	.50	.49	.85	.34	.39	.15	.45	.13	.82		.17		.30		.15	1.10	.30	.40	.60
[illegible]	M	4.93			T	.03	.15	.06	T		.04	T	T		.01	1.55	.65		.03	.03		T	.01		.01	.03	.07		.04	.01	.02	.18
[illegible]		5.55			.04					.81			.18	•	2.30	.52		.15		.10				.25		.30	.10	.50	.30	.10	.20	
[illegible]		1.55			.10	.01	.04					.02	.21			.13				.02	.03	.18		.03					.05	.02	
[illegible]		4.61	.3	.19			.13	.12	.2	.00	.05	.21	.01	.39	.28	.14	.05	.37	.26		.07	T	.28	.01	.07		.04	.03	.43	.22	.02	.38	.54
[illegible]		.1				.48	.02		T	.46	.10	.62	.70	.43	.42	.68	.04	.01	.06			.86	.02	.04	.57	T	.52			.26	.01		.07
[illegible]	R	9.34	.4	.11			.02			.03	T	.06	.04	.20	.31	1.02	.29	.87	.05		.19	T	.06	T		.22	.03	.16	.22	.01	.43	.01	.44
[illegible]		7.47	.02		.11		.1	.45	.19	.04	.44	.06		.09	.40			.92	.31		.01			.38	.19	.80			.56	.76		1.28	.21
[illegible]		2.18	.39	.24	T				T		T	.09		T	.09	.06	.04	.04	.01		T	T	.26	.33	.46			.07	.02	.22	.05	.02	.30
[illegible]		.14																											T	.06	.05		.03
[illegible]		.69		T	.14				T		T	.09	T	.02	.09	.01	.01	T	.02		T		.19	.12	.18		T	.08	.03	T	.01	.06	.03
[illegible]	M	.17	.05	.03	.01				T			.02		.09	.04	.02	.01	.03	.20		.05	.01	.25	.08	.28			.05	.06	.07	.01	.04	.17
[illegible]		1.98		.01	.13	.18	.04	T				.03	T	.04		.12		.06	.01	.03			.04	.03	.20	.17	.30	.07	.24	T		T	.08
[illegible]		3.49		T	T	T	T	T	.05	.07	.05	.16	.05	.10	.20	.18	.30	T	.05	T	T	T	.15	.20	.30	.05	.03	.35	.50	.35	.10	.75	
SAIPAN USCG LORAN		1.2	.2	.03					.02				.15			.02	.02		.06		.02			.14	.08	.05	.04	.01		.07		.10	.19
WAKE WSO AP	R	1.41	.3	.03						.09	.06			.77	.03		T	.02	T		.02		.02	.10	.13		T		.05	.06	T	T	T
[illegible]		4.12	.18	.02	.13	.05	.13	.18	.01	.20	.50	.05	.01	.08	.65				.08	.09	.02						.03	.01	.39	.45		.01	
[illegible]		.39				.03						.01									.05			.06		.05					.01	.08
[illegible]		.11		.04	.14		.04				.26	.09				.12	.02					.03		.08			.21	.23				
[illegible]		.51	.6	.14			.04	.37			2.23	.30	3.00	1.50	.48	.98	2.45			.09	.29	.03	.06	.26	.39	.84	.11		1.22	.35			
[illegible]	M	2.95	.03			.02	.28	T	.05		.06	.25	1.27	T		T				.04	.07	.06		.01		T	.03	T	.17	.38	T	.23		
[illegible]	R	.16	.04	.08	.16		T	T	.01	.05	.02		T				.03		T	T		T			T		.01	T	T	.02	.65	T	.03
LELE I. KUSAIE		7.35	.49	.17	.13	.62				.23	.13	.12		.12			.56	1.57		.07		.02	.06		.43	.96	.34	.59	.49	.18	.04		.03
[illegible]	R	11.05	.08	.19	T		.44	.39	.7.	4.64		T	T			.21	.70	.25	.06		.02	T	.01	T	.15		.10	.08	.06	.01		.15	T
[illegible]		9.14	.5	2.76	.43	.56					.44	.83	.83	.44	.84			.03	.04	.01	.43	.03	.01	.01						.02		.03	
MOKIL ATOLL		4.42	.3	1.85		.31				.30	.37	.07		.13					.02	.04	.20												
[illegible]		1.13						.19	.04		.02	•	•	•	.02										.01	.01		.15	.02	.43	.14	.07	.03
[illegible]	R	7.71	1.75	1.36	.25	.07			.01	.16	.32	.76		.29	.30	.01	.13	.19		.22	1.18	.01	.01	.03		.02	.30	T	.02	.31		.01	T
SATAWAN ATOLL		-		.01	.01	.41	.1.		.53	.09	-	.40	-	-	.74	.10		.01	1.46	.74				.80	.78	.32	.03	.36	.01			
[illegible]	K	4.89				.07	.20	T			.16	2.33	T	T	T			.12	T		.52	.03	T	T	.16			.58	.27	.09	T	T	T
WOLEAI ATOLL		2.03				.04	.02													.59						2.10				.05		.03
[illegible]	R	1.54		T	T	T	.25			T	T	.01	T		T	.03			T	T	.09	T		T			.15	.90	.02	.09			

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
* * *																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	65	65	67	67	66	72	68	66	65	66	60	73	71	68	65	63	63	61	62	68	68	66	67	67	69	68	68	68	66	69	71	66.7
	MIN	42	50	51	52	54	51	52	52	52	51	53	51	58	54	54	54	53	50	51	53	46	47	51	52	52	52	52	49	50	53	54	51.5
KILAUEA POINT 1133	MAX	78	78	76	77	75	75	76	75	77	76	75	77	78	77	75	74	76	75	75	75	79	77	76	77	75	76	77	79	78	74	78	76.3
	MIN	67	68	67	67	66	66	69	69	67	67	68	67	67	68	66	66	65	63	66	69	65	68	65	67	64	69	69	64	67	68	66	66.8
LIHUE WSO 1020.1 AP	MAX	79	80	81	80	79	80	80	80	80	78	80	82	82	80	80	75	81	78	78	80	80	80	80	81	80	79	77	77	75	77	81	79.4
	MIN	70	70	72	71	70	72	72	73	72	71	72	73	74	72	71	70	72	71	70	69	72	69	70	72	71	73	72	71	71	70	71	71.3
MAKAHUENA POINT 940.1	MAX	81	81	79	83	80	81		81	79	79	79	75	81	87	83	80	79	79	79	79	80	81	81	78	78	83	82	82	82	80	76	80.3
	MIN	59	58	70	69	68	68		69	68	69	69	69	71	65	69	67	62	69	64	66	66	69	68	72	68	66	66	65	64	71	68	67.1
MANA 1026	MAX	83	82	82	85	84	81	83	84	85	84	81	78	81	83	81	84	84	85	81	80	82	81	79	85	85	85	80	85	85	85	80	82.7
	MIN	59	58	57	62	63	59	59	61	61	60	63	62	63	64	64	64	63	60	64	65	62	59	59	63	69	60	61	60	59	64	62	61.6
NIU RIDGE 1035	MAX	80	80	81	80	81	80	80	81	81	81	82	80	79	81	80	82	81	82	80	77	76	80	78	79	81	82	83	84	83	84	83	80.7
	MIN	57	55	57	56	55	57	56	55	56	57	56	55	57	60	60	61	60	59	56	60	59	56	55	57	56	54	56	57	57	57	57	57.0
WAIAHI LOWER 1054	MAX	74	76	78	78	73	76	75	75	76	75	73	76	78	76	73	74	74	75	72	74	78	73	76	74	75	74	77	77	76	75	77	75.3
	MIN	58	58	60	63	63	67	63	63	64	64	65	65	66	66	63	63	62	62	62	62	61	62	62	64	63	62	62	59	63	64	64	62.8
* * *																																	
ISLAND OF OAHU																															
EWA PLANTATION 741	MAX	80	79			80	79	79	79	79			82	83	83	81	81			80	81	79	83	81			81	81	80	80	80		80.5
	MIN	61	63			66	67	66	69	68			63	68	66	69	69			66	67	64	63	66			64	63	64	66	67		65.7
HONOLULU WSO 703 AP	MAX	81	83	81	81	82	82	82	83	83	82	83	84	83	82	83	80	81	79	82	81	84	83	83	83	83	83	81	83	83	84	84	82.3
	MIN	68	69	69	70	70	70	69	71	70	70	70	69	72	71	72	70	70	68	70	70	70	66	70	70	70	70	70	69	68	72	72	69.8
HONOLULU SUBSTA 704	MAX	77	77	75	76	75	76	76	77	77	77	77	80	78	78	76	75	75	73	77	75	77	77	76	76	76	77	76	76	75	78	78	76.4
	MIN	63	67	65	68	66	67	66	67	68	69	68	69	70	70	68	67	68	66	68	69	69	68	68	69	69	68	68	67	67	70	71	67.8
KAHUKU 912	MAX																																
	MIN																																
KANEOHE MAUKA 781	MAX	76	75	75	75	75	76	76	76	74	77	76	77	78	75	78	72	75	77	75	74	72	79	77	77	77	76	75	76	77	78	76	75.9
	MIN	65	68	66	67	67	68	69	69	69	68	69	68	69	68	68	68	69	68	68	68	69	68	67	68	69	68	69	69	68	69	70	68.2
LUALUALEI 804	MAX	82	82	80	80	80	82	82	84	82	79	82	83	85	85	85	84	82	82	82	83	83	83	84	86	82	87	85	84	83	78	80	82.6
	MIN	67	65	62	62	66	67	68	70	70	69	69	67	62	65	62	62	61	67	69	74	63	63	63	61	60	68	68	67	67	61	60	65.3
MAKAPUU POINT 724	MAX	73	73	74	71	72	72	72	72	73	74	73	74	76	75	74	74	72	72	72	74	72	75	73	75	74	71	74	73	73	74	74	73.2
	MIN	62	68	64	68	67	64	63	68	65	69	59	68	67	70	61	63	60	61	63	69	66	66	68	66	69	68	65	65	67	54	67	65.1
OPAEULA 870	MAX	75	76	73	74	76	70	70	70	70	73	76	75	75	79	75	74	75	71	75	75	75	75	75	75	75	75	72	72	72	72	72	73.8
	MIN	58	59	62	66	60	62	59	60	61	61	64	59	63	62	62	61	59	64	61	60	59	60	61	62	60	61	61	60	61	60	60	60.9
PRI WAHIAWA 820.2	MAX	78	77	76	76	78	73	78	78	76	78	76	78	82	81	80	80	79	76	78	77	76	80	78	78	78	78	79	79	77	77	78	77.7
	MIN	55	61	64	63	62	63	62	62	66	62	64	60	61	65	66	65	64	63	62	62	60	60	62	63	62	64	60	60	62	63	65	62.4
WAIALEE 896.3	MAX	77	75	79	78	78	76	76	79	78	78	76	78	80	80	80	79	78	78	76	76	77	81	79	78	79	78	77	74	79	79	79	77.9
	MIN	65	66	64	68	67	67	69	68	68	66	67	67	70	69	68	66	67	67	68	67	69	67	67	68	69	67	68	67	67	68	70	67.5
WAIALUA 847	MAX	77	76	78	77	76	79	78	78	77	78	75	77	83	82	81	80	74	75	74	78	78	81	78	77	77	78	79	80	79	78	75	77.8
	MIN	57	59	58	62	61	65	63	64	67	62	58	62	63	64	66	67	66	66	62	65	60	60	63	62	60	59	59	60	62	63	62	62.2
WAIKIKI 717.2	MAX	80	79	82	80	80	80	80	81	81	82	82	83	85	85	83	81	81	81	79	80	81	83	83	81	82	82	82	81	81		83	81.5
	MIN	65	63	68	66	68	67	67	70	70	69	69	67	71	71	69	68	67	69	67	68	68	64	67	68	68	68	69	67	66		69	67.8
WAIMANALO EXP FARM	MAX	78	77	78	77	78	78	78	78	78	79	78	78	80	78	78	78	77	77	76	77	75	80	80	78	79	78	79	78	79	79	78	78.0
	MIN	67	67	67	65	68	68	68	69	69	69	68	70	69	70	69	67	66	68	66	68	69	69	68	68	69	69	69	68	67	68	70	68.1
* * *																																	
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	74	74	77	74	74	76	75	76	76	78	74	77	83	81	79	76	75	75	71	76	77	79	77	77	77	78	79	77	77	78	77	76.6
	MIN	65	66	67	68	66	67	66	67	68	68	67	64	65	66	68	66	67	69	64	68	69	65	66	68	66	65	67	66	68	68	68	66.7
* * *																																	
ISLAND OF LANAI																															
LANAI CITY 672	MAX	69	67	71	72	72	69	69	71	70	71	74	75	76	76	72	74	72	69	74	79	74	76	73	72	72		76	75	78	76	74	72.9
	MIN	56	60	61	57	55	58	59	58	59	62	61	62	59	60	60	64	62	60	55	64	63	62	62	60	60		62	63	65	63	61	60.4
* * *																																	
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	56	56	57	59	59	57	57	55	57	59	57	57	63	60	64	60	52	53	54	62	64	51	57	55	54	59	61	58	59	59	61	57.8
	MIN	34	39	40	41	42	41	42	42	43	42	40	44	44	45	45	43	43	39	42	45	36	36	43	41	38	38	42	42	42	47	45	41.5
HALEAKALA SUMMIT 338.4	MAX	53	55	55	47	50	48	50	48	42	44	42	46	51	52	53	51	54	42	44	45	52	50	48	42	48	49	45	46	48	53	48	48.4
	MIN	37	36	38	34	34	34	33	32	32	31	32	32	36	39	37	34	35	31	33	35	36	34	33	33	32	32	32	33	34	39	38	34.2
HANA AIRPORT 355	MAX	80	79	78	78	80	79	80	79	79	80	80	80	80	80	80	80	80	80	79	79							80	80	80	81		79.6
	MIN	66	66	66	66	67	66	68	68	67	69	68	68	70	68	67	68	67	67	65	66							64	65	65	68		66.9
KAANAPALI AIRPORT	MAX	77	75	79	78	77	79	78	80	77	80	80	80	82	80	80	79	80	78	78	78	78	82	79	81	81	80	79	80	78	80	80	79.1
	MIN	63	67	67	68	68	67	67	70	64	67	67	65	67	66	69	65	67	67	65	64	68	65	65	68	67	64	64	64	65	67	66	66.2
KAHULUI WSO 398 AP	MAX	76	81	80	79	82	79	81	81	82	81	83	87	87	82	82	81	80	79	80	80	83	82	82	83	83	82	83	81	82	83	82	81.6
	MIN	66	67	68	68	67	68	68	69	70	68	68	61	65	67	69	69	68	67	67	68	68	64	68	68	68	65	68	68	68	69	67	67.4
KAILUA 446	MAX	72	72	71	76	70	80	72	73	76	72	72	73	74	74	74	72	72	72	73	72	71	73	75	80	80	73	73	72	72	73	73	73.5
	MIN	61	61	61	63	63	63	63	63	64	64	63	63	66	65	64	64	64	63	63	63	62	63	62	63	63	63	63	62	63	64	64	63.1

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAPU BEACH 260.2	MAX	82	81	87	85	83	85	85	84	86	85	85	85	85	84	85	87	87	88	86	85	83	86	85	88	86	85	84	88	85	85	85	85.2
	MIN	57	58	59	59	60	60	60	60	59	58	62	62	66	64	60	61	64	61	63	64	60	59	60	61	57	59	62	62	61	67	68	61.1
KULA SANATORIUM 267	MAX	65	68	71	72	71	71	72	71	72	70	72	71	73	72	68	71	72	72	71	70	68	68	69	71	72	72	73	71	70	72	70	70.7
	MIN	52	51	52	52	51	51	51	52	54	55	56	55	54	55	54	55	55	50	51	55	53	54	55	54	54	53	54	56	54	55	58	53.6
LAHAINA 361	MAX	83	85	85	83	85	84	85	85	84	85	83	87	86	85	86	85	85	86	83	83	84	85	85	85	85	85	85	85	86	86	86	84.8
	MIN	59	62	60	59	64	62	64	66	62	61	62	62	63	63	62	62	63	61	63	65	61	62	64	61	59	62	61	63	61	63	62	62.1
WAILUKU 386	MAX	76	73			77	78	76	75	76			77	82	81	76	77			77	76	76	78	76			78	77	77	76	77		76.9
	MIN	64	64			66	65	66	68	67			65	67	68	67	66			64	66	66	67	66			65	67	65	66	68		66.0
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	76	74	78	74	76	77	72	75	75	76	76	76	82	78	75	74	76	74	75	74	74	75	77	77	75	75	76	78	76	76	76	75.7
	MIN	61	62	64	62	64	64	64	64	64	64	65	64	67	67	65	65	64	64	64	63	63	62	64	65	63	60	67	63	64	65	64	63.9
HAWAII VOLCNS NP HQ 54	MAX	66	66	65	64	66	65	59	59	64	61	66	67	66	60	66	61	65	59	61	59	59	63	66	65	58	63	66	63	62	67	63	63.2
	MIN	50	51	49	49	50	50	53	51	49	50	51	52	54	53	53	52	51	48	51	50	52	48	51	54	47	48	51	54	53	52	52	50.9
HILO WSO 87 AP	MAX	79	80	79	80	80	79	80	78	80	81	82	80	83	79	80	80	78	76	78	76	77	78	78	79	79	81	80	79	80	80	81	79.4
	MIN	65	65	65	65	65	66	67	66	65	65	65	66	68	68	67	67	67	66	66	64	65	63	64	66	62	60	66	65	64	69	68	65.5
KAINALIU 73.2	MAX	72	75	78	78	75	77	75	78	78	78	80	78	78	77	75	76	78	76	73	75	78	74	75	75	76	76	75	76	79	77	77	76.4
	MIN	57	58	62	59	58	58	58	58	60	59	60	58	60	65	63	62	63	58	60	62	60	58	60	60	59	56	60	59	59	60	62	59.7
KAMUELA 192.2	MAX	69	70	70	65	68	65	67	67	65	67	68	70	76	74	66	66	67	66	68	65	68	65	69	70	69	70	69	67	69	70	74	68.4
	MIN	54	55	55	54	55	53	54	56	55	58	55	55	58	56	58	54	55	56	56	55	56	58	55	57	57	56	57	57	55	54	53	55.5
KEAAU 92	MAX	76	74	78	74	78	77	76	77	75	76	79	78	77	78	77	76	78	76	76	75	74	75	77	76	77	77	78	77	77	78	77	76.6
	MIN	61	61	63	61	61	60	63	63	63	62	61	63	64	65	65	65	64	62	62	63	63	61	61	63	61	60	59	63	63	63	65	62.4
KEALAKEKUA 26.2	MAX															82	82	81		81	80	81	84	80			83	84	84	86	86	84	
	MIN															64	63	61			60	60	59	60			56	60	61	62	62	61	
KOHALA MISSION 175.1	MAX	74	74	75	75	75	74	73	72	74	75	75	77	79	76	75	75	75	73	74	71	74	75	76	74	72	75	76	75	75	76	73	74.6
	MIN	61	62	64	64	65	64	63	64	64	63	64	65	67	65	65	65	63	64	62	64	62	62	64	63	63	64	65	64	64	63	65	63.8
KONA (KAILUA) 68.3	MAX	80	80	79	80	82	80	81	81	81	80	80	82	83	81	81	82	78	79	83	81	83	80	81	76	76	81	81	81	80	83		80.5
	MIN	66	66	68	65	67	67	67	68	68	66	67	67	69	70	71	70	66	62	66	69	69	66	67	63	62	66	68	68	67	68		67.0
KULANI CAMP 79	MAX	56	60	62	59	60	60	60	55	72	60	59	60	60	63	63	58	59	59	59	50	58	55	51	57	55	53	00	60	57	60	58	58.6
	MIN	46	48	46	45	47	48	49	47	42	45	47	45	49	50	50	48	48	44	44	45	47	42	47	47	43	40	40	42	45	48	48	45.9
MAUNA LOA SLOPE OBS	MAX	46	50	53	52	50	49	48	44	44	43	40	44	45	43	42	48	47	46	48	45	45	43	43	47	48	46	47	44	50	44	47	46.2
	MIN	31	29	30	33	31	32	30	28	30	30	27	29	33	34	32	32	32	31	35	33	31	32	31	31	32	29	29	32	33	33	31	31.2
MOUNTAIN VIEW 91	MAX	72	71	74	74	74	72	69	69	68	79	79	79	72	70	69	69	71	71	71	68	68	70	71	72	72	72	74	72	72	72	73	71.9
	MIN	57	58	57	57	57	58	60	59	58	58	58	58	60	61	61	60	57	57	57	58	59	56	56	54	54	54	54	60	58	59	60	57.7
NAALEHU 14	MAX	77	77			79	78	76	77	78			78	77	77	74	75			78	75	76	77	77			78	77	80	78	79		77.2
	MIN	60	63			64	66	65	64	66			64	65	66	67	66			58	66	61	64	63			63	64	61	63	65		63.8
OOKALA 223	MAX	75	75	76	75	77	77	74	73	73	76	80	81	84	77	75	75	76	75	75	74	75	74	77	77	74	76	76	77	76	76	76	76.0
	MIN	63	62	64	63	66	63	63	63	63	64	64	64	67	65	64	65	64	63	64	64	63	63	63	64	64	64	65	63	64	64	66	63.9
OPIHIHALE 2 24.1	MAX	76	77	78	75	76	75	77	77	78	77	76	76	76	72	76	79	77	74	77	77	77	75	73	74	76	74	73	72	76	74	73	75.6
	MIN	56	57	57	56	56	57	57	58	60	61	57	58	60	62	58	56	58	58	60	58	58	58	57	57	55	56	59	56	58	58	60	57.8
PAHALA 21	MAX	78	79			86	81	77	79	81			82	79	78	77	79	83	81	80	79	78	76	79			80	79	80	81	82		79.8
	MIN	58	62			58	62	65	64	63			62	66	66	62	62	63	60	65	65	63	58	59			57	59	61	61	64		61.9
PUAKO 95.1	MAX	84	83	84	84	83	84	81	84	83	85	85	84	82	83	84	85	85	81	82	82	82	84	84	84	84	85	82	84	85	84	82	83.5
	MIN	67	67	69	69	63	67	69	68	71	70	67	65	67	70	70	72	72	69	70	70	71	68	69	71	68	66	70	69	67	66	68	68.5
UPOLU POINT USCG 159.2	MAX	77	77	78	78	78	78	76	78	77	78	78	79	81	78	79	79	78	77	76	75	77	78	78	78	79	78	78	78	78	79	78	77.9
	MIN	64	66	67	65	66	65	66	68	66	65	66	67	70	67	67	67	65	63	65	65	65	66	67	66	66	66	67	67	65	67	68	66.1
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	92	84	90	92	91	90	85	92	91	91	93	91	91	91	87	92	88	90	89	92	92	93	93	88	92	93	92	84	92	89	90	90.3
	MIN	80	75	77	78	80	79	77	78	73	81	81	78	80	78	78	79	78	80	77	79	79	80	79	82	78	79	79	79	80	74	77	78.5
JOHNSTON WSO AP	MAX	79	78	80	79	78	79	78	79	80	79	80	80	80	82	77	78	79	79	78	79	79	79	78	79	79	79	79	79	80	79	79	79.0
	MIN	73	74	73	73	69	69	73	75	75	73	74	74	74	75	67	72	74	73	70	74	74	74	74	73	73	75	74	70	71	74	70	72.8
LEONE	MAX	89	91	91	90	93	93	93	92	93	92	92	92		90	88	89	95	94	93	93	90	90	91	92	92	93	93	91	91	90	91	91.6
	MIN	74	75	75	74	73	75	76	75	76	72	74	79		74	75	74	74	74	76	75	75	74	75	77	76	74	75	76	75	74	75	74.9
FRENCH FRIGATE SHOALS	MAX	79	80	76		77	75	77	77	79	77	77	77	78	81	82	76	77								83	79	81	79	79	82	81	78.7
	MIN	64	68	66		65	64	68	68	64	69	67	69	68	69	67	68	69								70	68	68	68	69	69	67	67.5
MIDWAY SAND ISLAND	MAX	77	77	79	79	77	79	79	77	78	74	76	74	72	77	79	80	79	80	78	81	77	77	75	72	77	80	80	79	76	77	78	77.4
	MIN	67	67	70	65	65	69	70	66	67	61	67	66	63	66	65	71	69	71	70	64	64	63	65	65	65	71	71	66	66	65	69	66.7
PAGO PAGO WSO AP	MAX	87	89	88	88	89	90	89	90	90	90	90	89	89	89	89	88	91	89	90	89	90	90	89	90	91	88	89	91	89	87	87	89.2
	MIN	77	77	75	74	75	78	77	74	74	74	75	80	77	75	76	75	76	75	77	75	77	82	82	81	80	76	76	76	75	76	76	76.5
SWAINS ISLAND	MAX	89	89	90	89	90	90	90	90	91	91	90	91	90	90	91	86	90	91	91	91	91	89	88	88	89	91	89	88	85	86	81	89.2
	MIN	72	71	78	72	72	72	72	71	72	72	73	73	78	72	73	70	72	73	73	73	73	72	72	72	72	73	72	71	69	70	65	72.1
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	79	80	80	82	82	81	81	81	81	80	82	83	81	82	82	83	83	82	83	83	82	82	82	84	82	82	82	84	83	82	82	81.9
	MIN	74	75	75	75	75	76	75	76	76	75	75	75	75	74	75	76	76	75	76	76	76	74	73	76	77	75	77	77	77	76	75	75.4
CLARK AFB LUZON	MAX	93	91	93	88	86	88	88	86	86	91	88	90	90	88	88	90	86	86	81	86	88	90	88	86	90	86	91	91	91	91	97	88.8
	MIN	75	73	72	70	68	70	70	70	68	68	68	68	68	68	68	68	72	72	68	66	64	66	68	66	68	66	66	73	75	75	75	69.4
GUAM NAS	MAX	83	87	86	89	87	88	87	84	88	84	86	88	87	86	87	84	88	87	85	89	83	87	83	84	86	87	85	87	87	86	84	86.1
	MIN	72	70	70	67	71	72	73	71	73	73	73	76	76	73	72	74	75	72	72	71	74	73	73	74	74	72	76	76	77	74	74	73.0
GUAM WSO	MAX	82	84	83	85	85	85	85	83	84	83	85	85	86	87	88	86	86	86	86	86	86	86	83	85	85	85	85	86	86	86	86	85.1
	MIN	70	66	72	72	72	71	68	73	73	73	71	72	72	70	70	72	70	66	70	72	72	71	70	74	73	72	73	72	75	73	72	71.4
SAIPAN USCG LORAN	MAX	84	87	87	85	87	87	87	86	88	86	87	86	87	87	89	88	89	88	84	89	88	87	88	88	89	87	90	88	88	87	87	87.3
	MIN	71	73	69	65	72	65	75	72	70	71	71	74	74	75	74	72	73	69	82	52	76	73	72	72	73	72	77	72	75	74	75	71.9
WAKE WSO AP	MAX	83	84	84	83	83	84	84	82	84	85	84	81	83	84	85	83	85	84	84	84	85	83	85	85	85	85	85	85	85	85	85	84.1
	MIN	72	73	70	73	72	73	74	70	71	74	70	69	72	74	74	72	72	74	72	74	72	72	73	74	74	74	71	74	74	74	71	72.5
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	84	83	87	87	84	86	86	87	85	86	86	86	86	87	84	86	84	86	85	86	86	86	86	87	85	87	86	87	87	87	86	85.8
	MIN	75	76	77	75	76	76	76	76	73	76	76	76	75	70	74	75	72	76	73	76	76	75	75	72	75	76	76	75	76	76	74	75.0
FALALOP I, ULITHI	MAX	86	85	83	85	85	86	86	86	85	85	86	85	86	86	85	86	85	85	87	85	85	86	86	87	88	87	87	86	86	88	84	85.8
	MIN	78	77	80	78	78	78	75	78	76	78	78	76	78	79	76	78	77	76	75	74	79	79	78	74	84	74	75	80	81	79	82	77.7
KAPINGAMARANGI ATOLL	MAX	85	86	86	90	85	92	93	92	88	90	88	88	88	88	88	89	90	92	88	91	91	88	88	90	90	90	89	85	89	90	90	88.9
	MIN	78	77	78		78	76	79	80	76	79		75	77	75	75	76	80	77	76	75	76	77	77	79	79	78	75	72	79	80	78	77.1
KOROR WSO	MAX	88	89	89	89	89	89	88	90	89	87	88	90	89	89	88	88	89	88	86	88	87	89	89	88	88	82	88	88	88	89	88	88.2
	MIN	75	76	75	76	74	77	75	76	75	75	74	77	76	77	76	75	74	75	74	75	76	74	75	76	77	76	76	76	75	75	77	75.5
KWAJALEIN WSO AP	MAX	88	88	88	87	88	88	88	88	88	88	88	89	88	88	88	88	88	90	89	89	90	89	90	89	90	90	89	88	87	88	88	88.5
	MIN	76	77	77	79	78	79	79	76	78	77	78	79	79	79	76	78	78	79	79	79	80	79	80	80	79	79	79	78	74	77	78	78.2
LELE I, KUSAIE	MAX	87	87	88	86	87	88	89	87	85	87	87	87	87	87	84	84		87	89	89	90	89	89	89	89	85	85	81	87	84	87	86.9
	MIN	73	73	71	72	73	74	75	73	71	72	72	73	73	73	69	74		73	78	78	79	79	76	73	77	71	71	67	73	70	73	73.3
MAJURO WSO AP	MAX	87	86	87	86	84	84	85	85	85	85	85	86	85	84	85	83	86	86	85	86	86	86	86	86	86	86	86	87	87	86	86	85.6
	MIN	75	74	80	79	76	75	76	74	79	78	78	79	80	76	75	76	76	80	76	80	79	79	77	80	78	77	77	78	80	77	80	77.5
METALANIM	MAX	86	83	87	88	86	89	88	85	90	88	86	86	86	86	88	88	89	88	87	88	83	86	88	89	89	89	89	89	87	88	89	87.4
	MIN	76	71	74	73	75	76	76	79	75	73	74	74	73	74	74	74	75	76	72	75	73	72	79	74	75	74	77	72	68	73	76	74.3
PONAPE WSO	MAX	82	86	88	88	87	89	89	87	88	86	86	86	86	88	88	86	88	86	87	87	87	87	89	90	86	89	89	86	88	88	89	87.3
	MIN	74	74	76	75	79	78	79	78	77	77	78	76	77	79	76	76	79	77	74	78	78	77	78	78	77	78	77	74	79	78	79	77.1
TRUK, MOEN I, WSO AP	MAX	86	86	87	86	87	86	87	86	86	85	85	86	86	87	86	86	86	86	86	85	87	86	86	86	88	84	86	86	86	87	87	86.1
	MIN	79	79	79	78	77	79	79	79	76	77	79	78	79	79	79	79	79	80	76	77	78	79	78	80	80	74	75	76	75	80	80	78.3
WOLEAI ATOLL	MAX	89	89	90	88	87	89	89	89	89	89	90	89	89	89	90	90	89	90	89	89	90	89	90	90	89	86	90	89	89	88	90	89.1
	MIN	71	75	75	75	76	74	76	76	76	76	74	73	76	75	74	75	75	74	73	75	71	71	75	77	70	76	76	75	73	76	75	74.5
YAP WSO AP	MAX	88	98	88	88	88	87	88	88	86	87	86	87	87	88	88	88	88	88	87	87	89	89	88	89	87	84	88	89	88	89	88	87.7
	MIN	74	74	77	78	74	77	75	77	77	78	77	76	73	74	74	71	75	77	74	77	77	75	76	76	78	72	77	75	75	78	77	75.6
	MAX																																
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See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	25	E	27	-	70	69	85	1	17	4	0	0	0	22	66	-
HILO, HAWAII, WSO AP	5	1.3	6.7	17	E	30	92	89	72	88	0	3	15	8	2	3	31	53	7.8
HONOLULU, OAHU, WSO AP	6	16.4	16.7	33	NE	09	72	69	54	70	20	9	1	0	0	0	30	80	5.8
JOHNSTON ISLAND WSO AP	8	20.3	20.6	38	E	16	79	79	74	78	6	14	2	0	1	0	23	77	4.6
KAHULUI, MAUI, WSO AP	5	16.2	16.9	36	NE	09	77	72	54	75	8	12	4	0	0	0	24	81	4.7
KOROR WSO AP	5	11.8	12.5	27	N	06	83	84	74	67	6	9	5	0	1	0	21	63	9.3
KWAJALEIN WSO AP	6	15.6	15.9	25++	8	15	79	80	68	73	10	9	1	1	0	0	21	-	7.9
LIHUE, KAUAI, WSO AP	5	15.2	15.6	27	NE	17+	77	77	70	76	6	18	3	0	0	0	27	49	7.0
MAJURO WSO AP	6	14.1	14.4	28	E	11	82	83	75	78	6	7	5	3	2	1	24	76	7.4
PAGO PAGO WSO AP	8	3.5	6.5	25	NE	19	88	90	72	82	3	10	8	2	1	0	24	64	6.9
PONAPE WSO AP	5	9.5	10.5	19	NE	16	78	81	75	77	2	9	10	1	3	0	25	73	9.0
TRUK, MOEN I, WSO AP	5	12.8	13.4	27	NE	11	78	80	72	74	11	3	5	2	0	1	22	62	9.5
WAKE WSO AP	8	9.0	13.1	25	E	31+	82	85	66	71	6	10	2	1	0	0	19	81	4.4
YAP WSO AP	-	-	-	25	NE	06	80	-	69	68	11	5	2	1	0	0	19	66	8.5

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.25	.29	.39	.23	.41	.32	.41	.34	.27	.24	.29	.20	.16	.32	.37	.29	.22	.29	.34	.12	.30	.34	.19	.35	.41	.31	.30	.35	.33	.29	.13	9.05
	WIND	195	167	260	288	277	280	305	268	297	252	268	261	207	235	230	285	339	315	275	240	242	166	206	255	274	249	262	235	228	201	215	7777
	MAX	80	81	84	81	82	79	82	82	80	80	78	80	82	84	80	81	77	79	76	78	82	86	83	85	84	85	81	84	85	84	78	81.4
	MIN	62	64	62	63	64	56	62	64	65	63	64	65	66	67	65	65	65	64	63	63	64	64	65	65	65	64	65	62	63	65	67	63.9
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.26	.33	.35	.27	.35	.26	.31	.24	.30	.26	.25	.24	.23	.19	.24	.26	.23	.30	.20	.18	.20	.25	.21	.26	.30	.28	.23	.23	.24	.31	.19	7.95
	WIND	14	23	35	45	38	33	43	46	60	48	43	26	20	21	28	42	60	55	48	42	28	21	21	25	31	31	27	19	24	25	17	1039
	MAX	81	85	85	81	85	80	85	83	83	85	86	85	89	82	83	81	81	85	77	80	82	88	86	85	87	84	85	84	86	86	84	83.8
	MIN	55	58	60	58	59	60	60	60	60	59	59	61	63	63	63	62	61	60	59	60	60	60	61	61	60	60	61	61	61	61	62	60.3

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.41	.40	.42	.46	.31	.35	.38	.36	.37	.48	.33	.39	.35	.29	.24	.33	.27	.28	.39	.43	.34	.40	.39	.36	.40	.47	.43	.39	.42	.46	.35	11.65
	WIND	317	294	271	274	270	270	258	283	308	269	265	250	195	166	198	288	261	264	320	248	220	253	271	236	244	285	272	222	170	134	95	7671
	MAX	84	84	85	86	85	87	86	87	88	86	86	89	90	92	87	83	86	82	84	86	87	87	86	87	84	85	84	85	85	84	88	86.0
	MIN	71	71	70	71	68	70	71	70	71	70	70	70	70	72	70	70	71	71	70	70	69	70	71	70	70	69	70	70	72	70	70	70.3
* * * WESTERN PACIFIC ISLS NORTH OF 12 N																																	
GUAM WSO	EVAP	.14	.16	.14	.30	.27	.34	.20	.24	.33	.25	.26	.24	.19	.27	.29	.24	.25	.23	.24	.25	.21	.23	.23	.22	.24	.22	.24	.29	.31	.23	.22	7.47
	WIND	75	53	84	110	133	88	74	100	136	125	116	115	117	100	87	100	59	70	109	123	158	85	105	134	112	98	171	184	192	181	156	3550
	MAX	90	89	85	90	90	83	92	86	90	87	88	90	88	91	91	90	91	90	87	88	89	93	88	87	88	89	87	86	88	90	88	88.7
	MIN	70	68	71	69	68	70	68	70	69	70	72	72	71	70	71	71	73	69	69	69	71	70	71	70	70	71	72	71	71	72	73	70.4

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		6A		C	METCALF FARMS HI, INC
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAHIAWA MOUNTAIN 990	A	8949	02	KOLOA	2	21 58	159 31	2100		MO			MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20		5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ++	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25	8A	8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775	A	6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		6221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4		0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	B	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPAKULUA RES. 492.6		3561	02	MAKAWAO	1	20 55	156 18	640				C	CLOSED 2/13/73
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MD			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MD			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		DC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MD			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MD			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			PEPEEKEO SUGAR CO.
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MD			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MD			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MD			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		VAR		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MD			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			PEPEEKEO SUGAR COMPANY
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	PEPEEKEO SUGAR CO.
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MD			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MD			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MD			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830		7A		C	KAHUA RANCH
CLOSED STATIONS ISLAND OF MAUI												
KAUPAKULUA RES. 492.6	3561	02	MAKAWAO	1	20 55	156 18	640				C	CLOSED 2/13/73

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P		J	USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07		7	28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
□ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
□CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 7/3/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌅ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

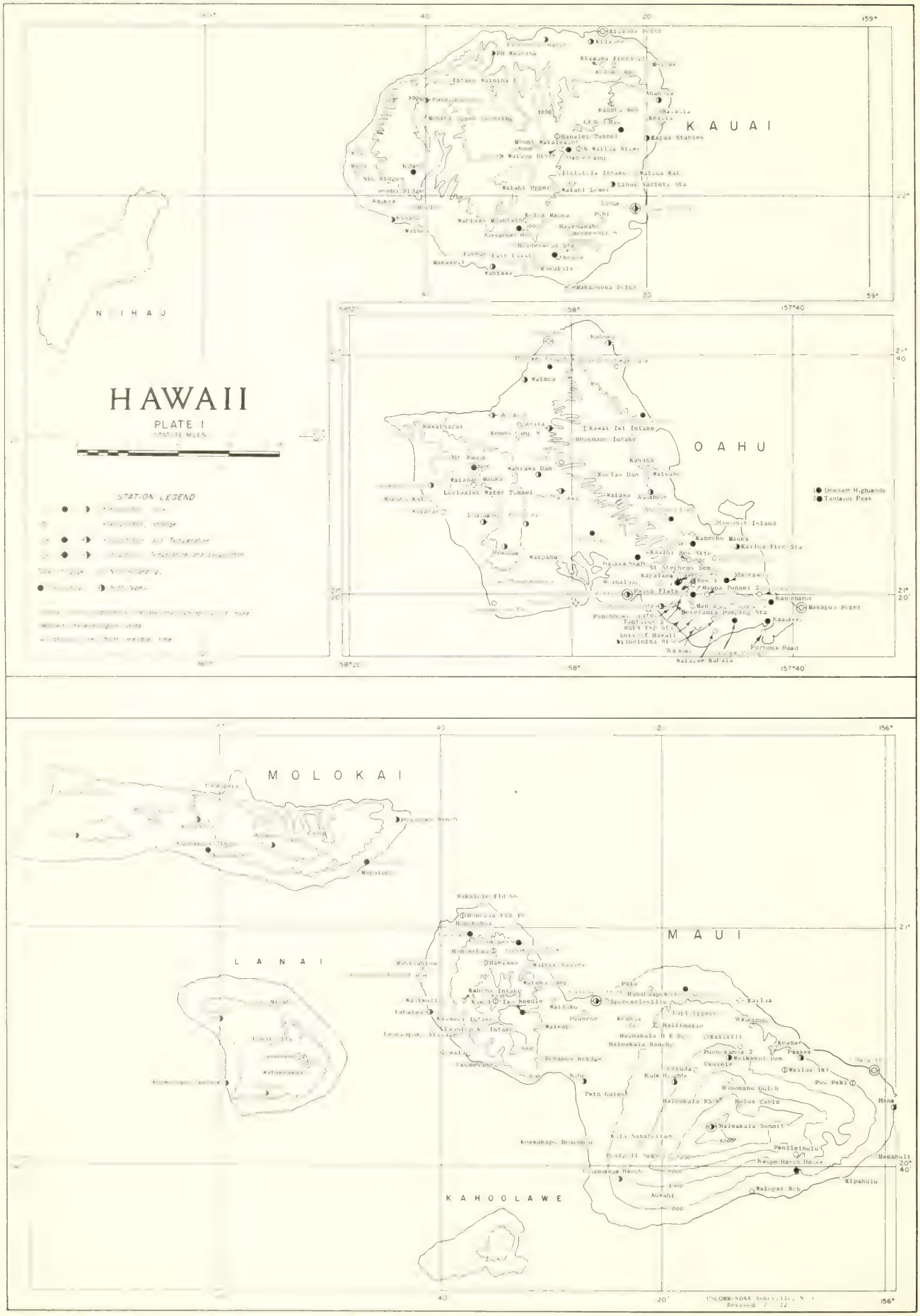
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

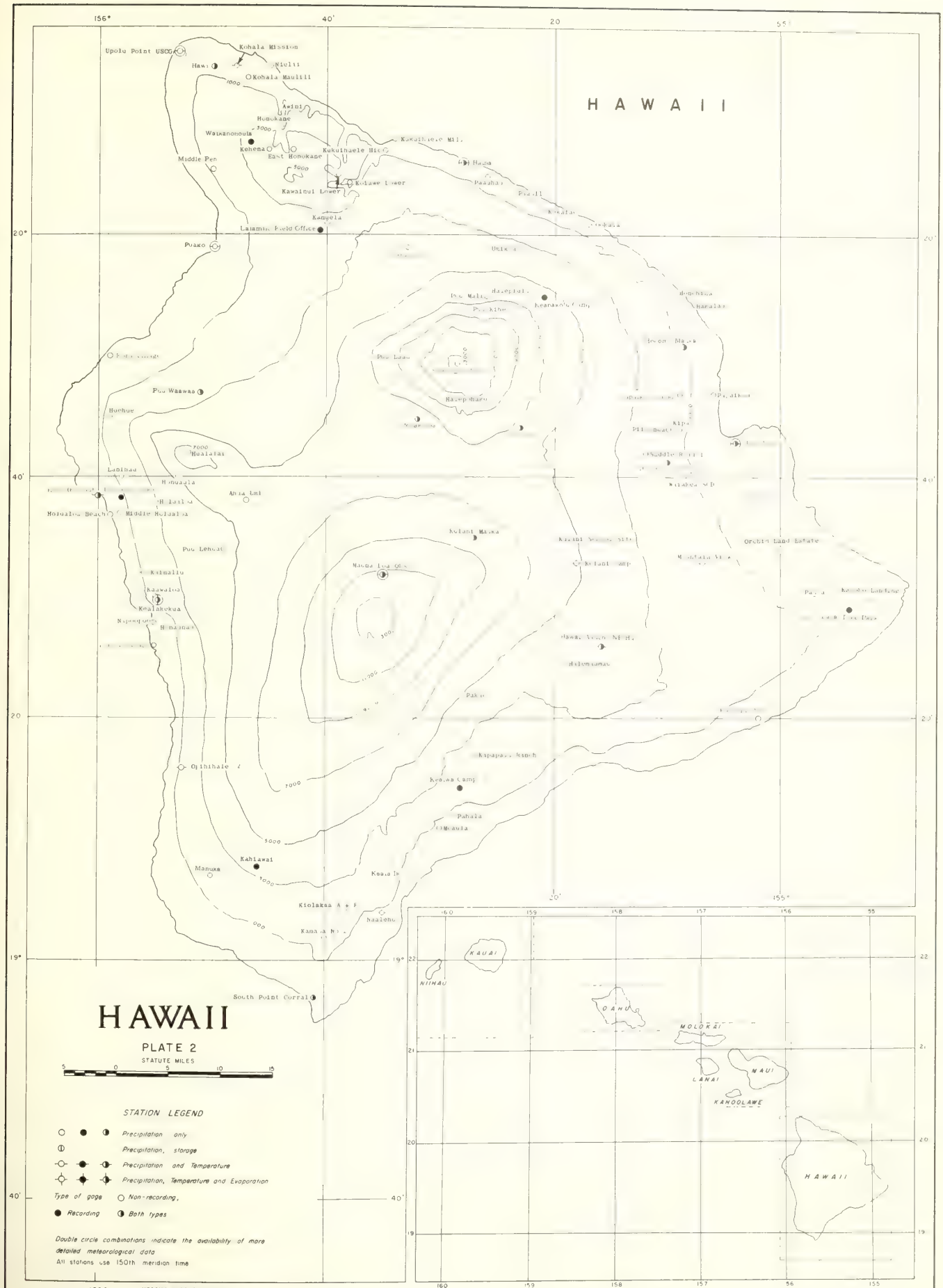
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

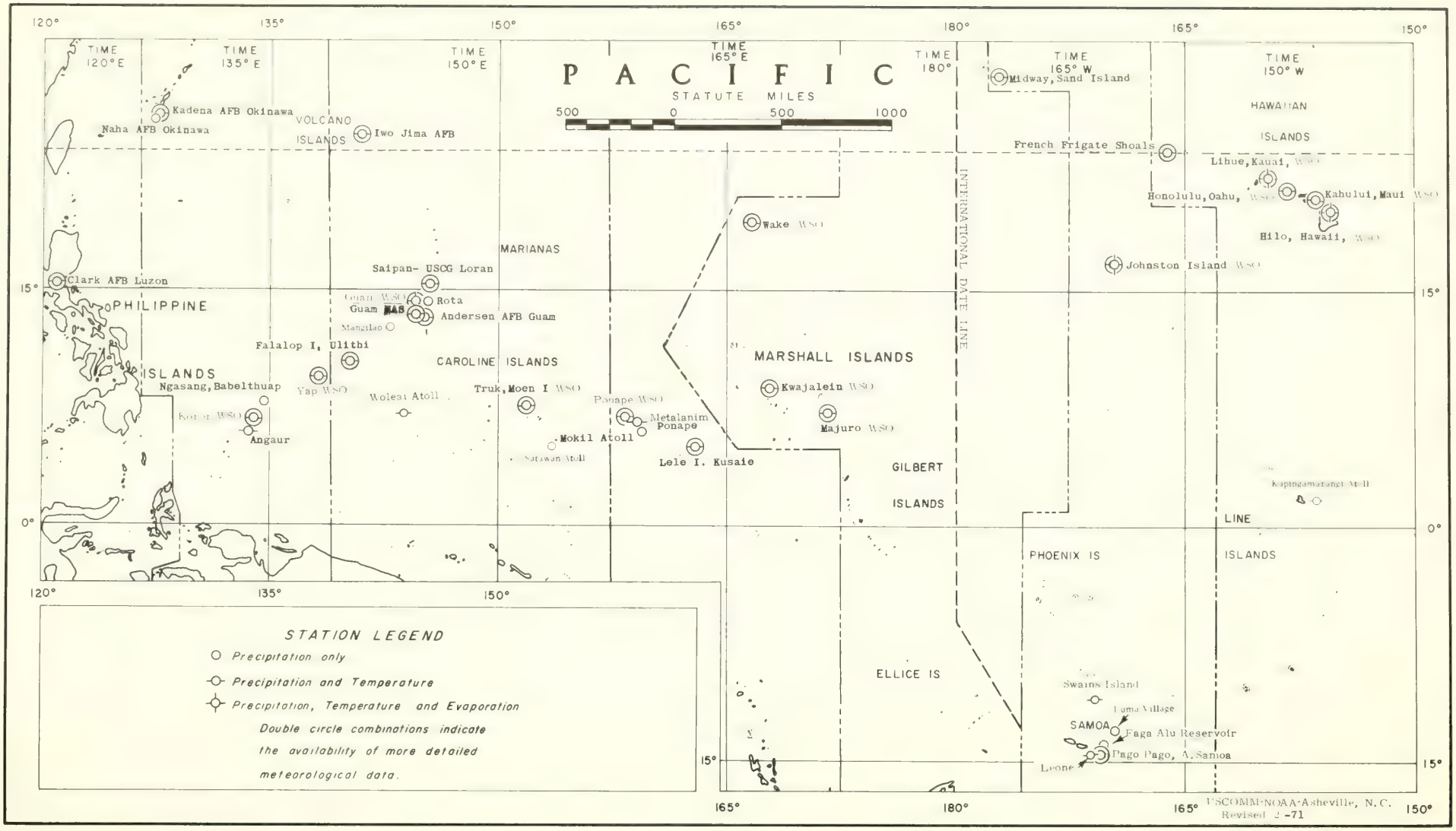
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

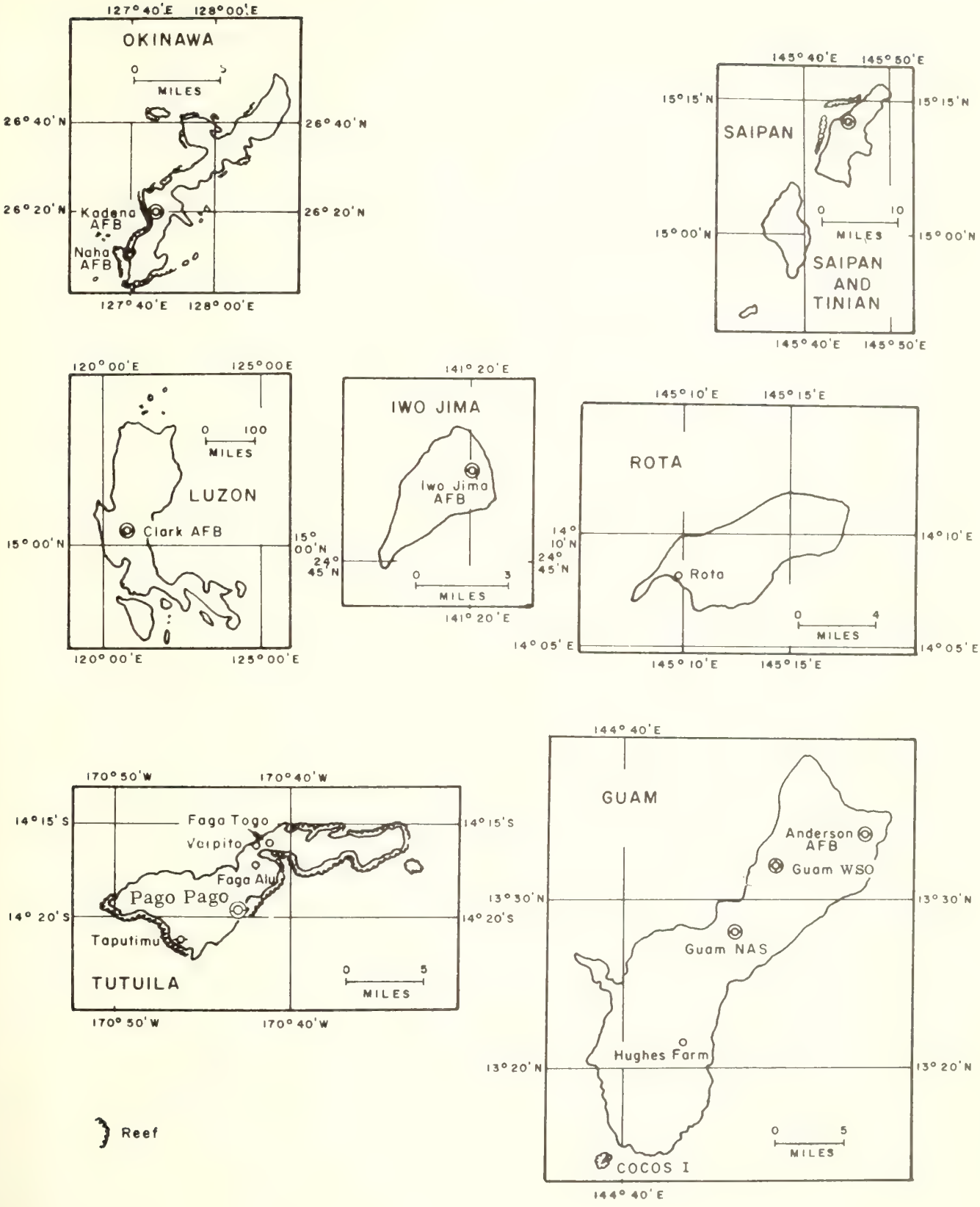
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

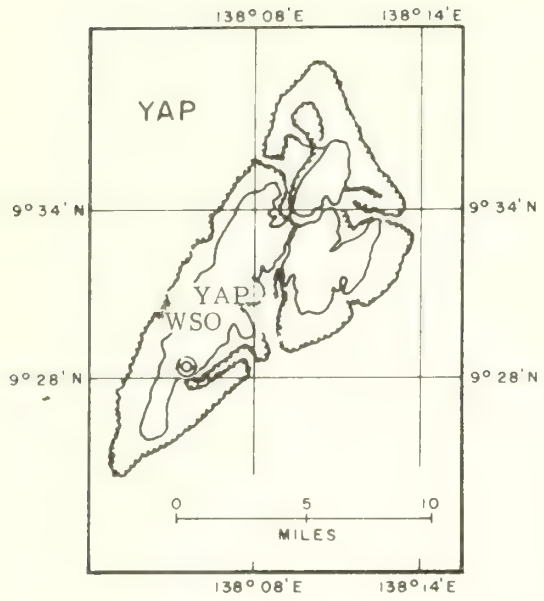
William H. Haggard
Director, National Climatic Center

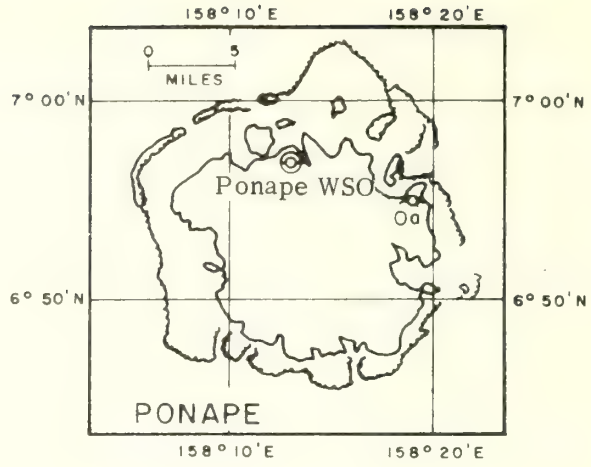

HAWAII
PLATE I
STATION LEGEND
NIIHAU
KAUAI
OAHU
MOLOKAI
LANAI
KAHOOLAWE
MAUI
Kilauea Point
Kilauea
PH Waioha
Kilauea Field Lab
Anahola
Kapaa
Kapaa Stables
Hanalei Tunnel
N Wailua River
N Wailua Ditch
Mount Waialeale
Illiilila Intake
Waiahi Upper
Waiahi Lower
Lihue Variety Sta
Kalaheo
Waimea
Kekaha
Kaumakani
Hanapepe
Eleele
Port Allen
Makaweli
Nohili Ridge
Kaala
Waianae
Mt Kaala
Wahiawa Dam
Waiawa Intake
Waiawa Aiea
Kaukonahua
Kaukonahua Dam
Waialua
Kaneohe
Kaneohe Mauka
Kaneohe Rad Site
Kaneohe Rad Sta
Kaneohe Flire Sta
Mokuleia
Dillingham Field
Kaena Point
Waianae Kai
Waianae
Makaha
Makaha Valley
Kolekole Pass
Kolekole
Kaala
Waianae Mauka
Lualualei Water Tunnel
Lualualei
Nanakuli
Nanakuli Mauka
Waianae Kai
Waianae Valley
Waianae Valley Mauka
Waianae Valley Makai
Waianae Valley Tunnel
Waianae Valley Intake
Waianae Valley Reservoir
Waianae Valley Dam
Waianae Valley Stream
Waianae Valley Stream Intake
Waianae Valley Stream Reservoir
Waianae Valley Stream Dam
Waianae Valley Stream Tunnel
Waianae Valley Stream Aqueduct
Waianae Valley Stream Pipeline
Waianae Valley Stream Pumping Station
Waianae Valley Stream Water Treatment Plant
Waianae Valley Stream Water Storage Tank
Waianae Valley Stream Water Distribution System
Waianae Valley Stream Water Supply System
Waianae Valley Stream Water Supply Project
Waianae Valley Stream Water Supply Development
Waianae Valley Stream Water Supply Improvement
Waianae Valley Stream Water Supply Expansion
Waianae Valley Stream Water Supply Modernization
Waianae Valley Stream Water Supply Rehabilitation
Waianae Valley Stream Water Supply Upgrade
Waianae Valley Stream Water Supply Replacement
Waianae Valley Stream Water Supply Construction
Waianae Valley Stream Water Supply Completion
Waianae Valley Stream Water Supply Operation
Waianae Valley Stream Water Supply Maintenance
Waianae Valley Stream Water Supply Management
Waianae Valley Stream Water Supply Administration
Waianae Valley Stream Water Supply Engineering
Waianae Valley Stream Water Supply Planning
Waianae Valley Stream Water Supply Design
Waianae Valley Stream Water Supply Construction Management
Waianae Valley Stream Water Supply Inspection
Waianae Valley Stream Water Supply Testing
Waianae Valley Stream Water Supply Commissioning
Waianae Valley Stream Water Supply Start-up
Waianae Valley Stream Water Supply Shutdown
Waianae Valley Stream Water Supply Decommissioning
Waianae Valley Stream Water Supply Abandonment
Waianae Valley Stream Water Supply Removal
Waianae Valley Stream Water Supply Disposal
Waianae Valley Stream Water Supply Recycling
Waianae Valley Stream Water Supply Reuse
Waianae Valley Stream Water Supply Conservation
Waianae Valley Stream Water Supply Protection
Waianae Valley Stream Water Supply Preservation
Waianae Valley Stream Water Supply Restoration
Waianae Valley Stream Water Supply Enhancement

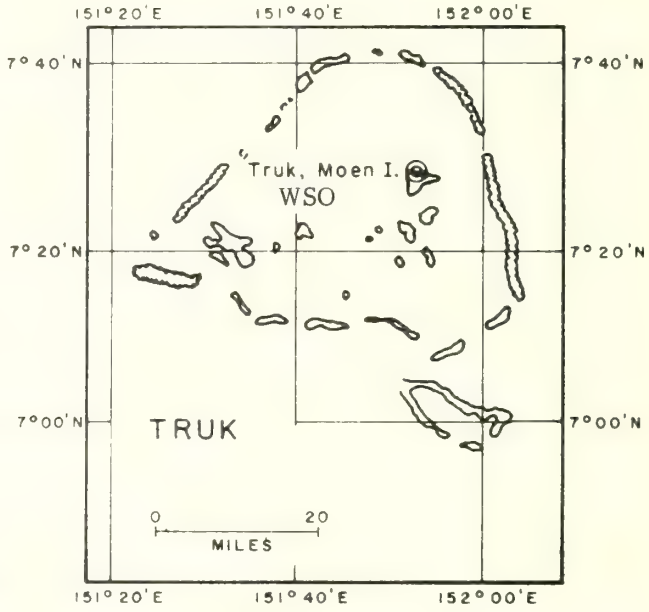

HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Mauliili
Awini
Honokane
Waikanonoula
Kehena
East Honokane
Middle Pen
Kukuihaele Mill
Kukuihaele Hill
Kawainui Lower
Kawela
Laiamia Field Office
Puako
Pua Waawaa
Huehue
Hualalai
Honuaula
Holualoa Beach
Middle Holualoa
Ahia Imi
Puu Lehoai
Kalmalilu
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Opihihale
Kahiawai
Manuka
Kiolakaa A & F
Kamaia No.
Naalehu
South Point Corral
Kapapaa, South
Kuwaa Camp
Pahala
Mauka
Pakuo
Halemamaa
Kiopa
Saddle Road
Waiakea Mill
Orchid Land Estate
Keaau Lanihau
Keanakolu Camp
Hakalau
Hawaii Volcanoes Nat. Park
Kilauea Iki Pit
Kilauea Crater
Kilauea Mauka
Mauna Loa Observatory
Puu Lehoai
Puu Waawaa
Hualalai
Mauna Kea
Puu Kihe
Puu Laau
Hakepuhia
Pii Beacon
Kilauea Camp
Kilauea Mauka
Kilauea Summit
Kilauea Iki Pit
Kilauea Crater

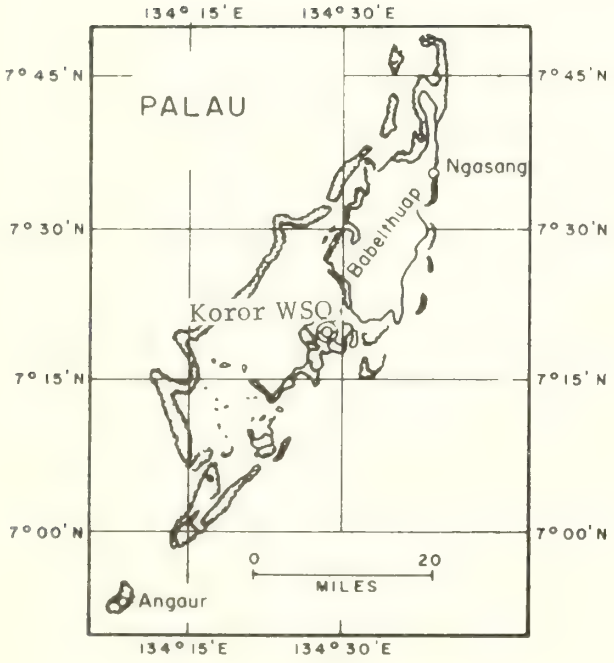

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
120°
135°
150°
165°
180°
165°
150°
15°
0°
Kadena AFB Okinawa
Naha AFB Okinawa
VOLCANO ISLANDS
Iwo Jima AFB
Midway, Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue, Kauai, WSO
Honolulu, Oahu, WSO
Kahului, Maui WSO
Hilo, Hawaii, WSO
Johnston Island WSO
Wake WSO
MARIANAS
Saipan- USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Guam WSO
Guam NAS
Rota
Andersen AFB Guam
Manilao
Falalop I, Ulithi
CAROLINE ISLANDS
Yap WSO
Ngasang, Babelthuap
Koror WSO
Angaur
Woleai Atoll
Truk, Moen I WSO
Ponape WSO
Metalanim
Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
MARSHALL ISLANDS
Kwajalein WSO
Majuro WSO
GILBERT ISLANDS
INTERNATIONAL DATE LINE
LINE ISLANDS
Kapingamarangi Atoll
PHOENIX IS
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Pago Pago, A. Samoa
Leone
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 2-71

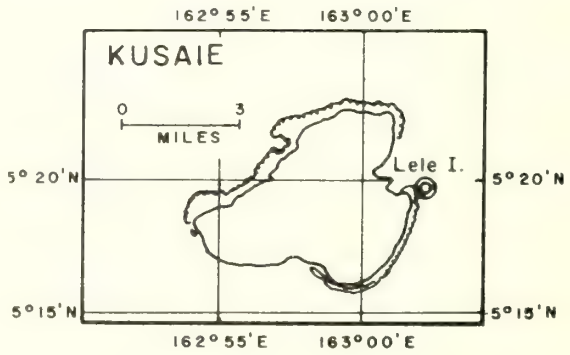

OKINAWA
127°40'E
128°00'E
26°40'N
26°20'N
0
MILES
Kadena AFB
Naha AFB
SAIPAN
145°40'E
145°50'E
15°15'N
15°00'N
0
10
MILES
SAIPAN AND TINIAN
LUZON
120°00'E
125°00E
15°00'N
0
100
MILES
Clark AFB
IWO JIMA
141°20'E
24°45'N
Iwo Jima AFB
0
3
MILES
ROTA
145°10'E
145°15'E
14°10'N
14°05'E
Rota
0
4
MILES
TUTUILA
170°50'W
170°40'W
14°15'S
14°20'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
Taputimu
0
5
MILES
GUAM
144°40'E
13°30'N
13°20'N
Anderson AFB
Guam WSO
Guam NAS
Hughes Farm
COCOS I
0
5
MILES
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
YAP WSO
0
5
10
MILES

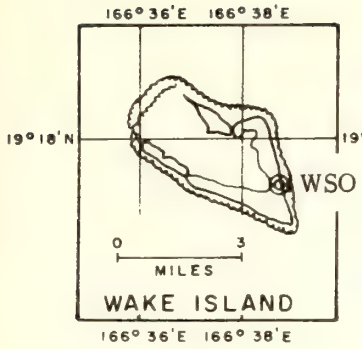

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
PONAPE

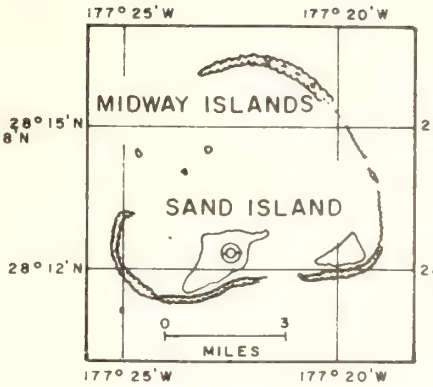

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO
TRUK
0
20
MILES

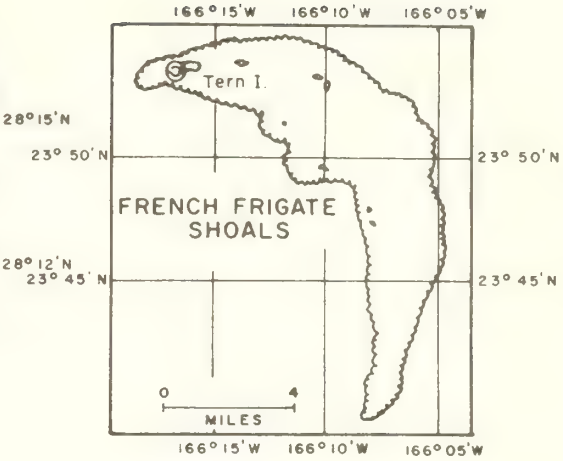

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Angaur

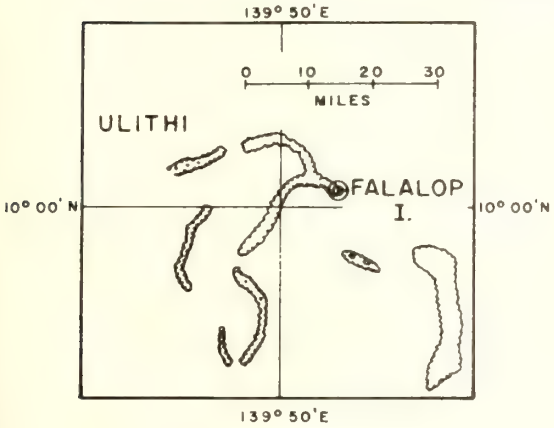

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

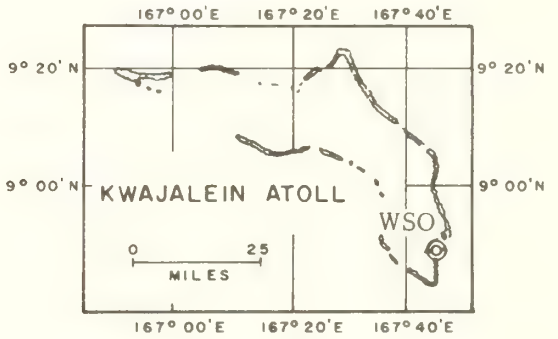
— Reef

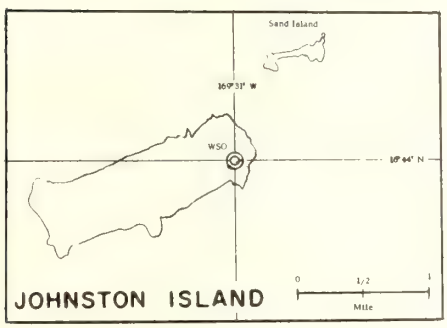

166° 36'E
166° 38'E
19° 18'N
WSO
0
3
MILES
WAKE ISLAND

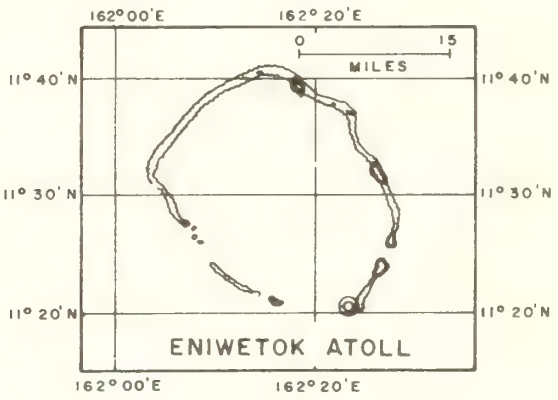

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

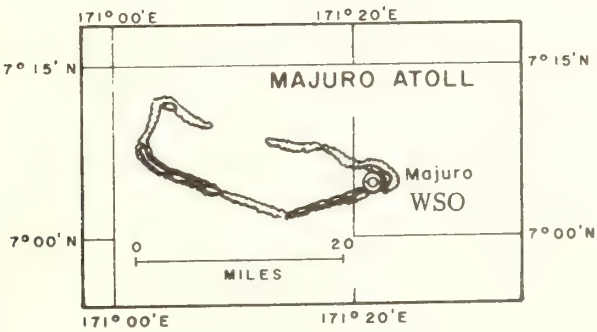

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0
25
MILES


Sand Island
WSO
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0
20
MILES

U.S. DEPARTMENT OF COMMERCE
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ASHEVILLE, N.C. 28801

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CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
92° ON THE 24TH AT LUALUALEI 804, OAHU

LOWEST TEMPERATURE:
29° ON THE 3D AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
17.77 INCHES AT PAUOA FLATS 784, OAHU

LEAST TOTAL PRECIPITATION:
.00 INCHES AT 8 STATIONS

GREATEST ONE DAY PRECIPITATION:
3.47 INCHES ON THE 11TH AT WAIAHOLE 837, OAHU

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APRIL
1973
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No. 4
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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1973

Station		Temperature									No. of Days				Precipitation				Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														2.44	- 1.67			.0	0				0
KANALOHULUHULU 1075		66.5	50.0	58.3		72	22+	43	4		0	0	0	0	3.15		1.16	4	.0	0		6	2	1
KAPAA STABLES 1104	A														2.91		.50	23+	.0	0				0
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		77.5	66.2	71.9		83	19	61	5+		0	0	0	0	1.35		.24	10	.0	0		5	0	0
KOLOA 936	A														3.71	- 1.02			.0	0				
LIHUE WSO 1020.1 AP	//R	80.3	68.8	74.6	2.1	82	29+	60	7		0	0	0	0	1.00	- 2.34	.16	3	.0	0		5	0	0
MANA 1026		82.9	62.9	72.9	.2	86	17	60	30+		0	0	0	0	.28	- .97	.18	22	.0	0		2	0	0
N WAILUA DITCH 1051	A														10.97				.0	0				
PH WAINIHA 1115															5.85	- 6.42	.67	17	.0	0		10	4	0
PUEHU RIDGE 1040															.33		.11	23	.0	0		1	0	0
WAHIAWA 930	A														.90	- 1.02			.0	0			0	0
WAIAHI LOWER 1054		77.1	62.0	69.6		81	19+	55	7+		0	0	0	0	5.52		.69	11	.0	0		19	3	0
WAIMEA 947															.00	- 1.13	.00		.0	0		0	0	0
ISLAND				69.5											2.95				.0					
* * *																								
ISLAND OF OAHU																								
HONOLULU OBSERV 702.2															.54		.23	22	.0	0		2	0	0
HONOLULU WSO 703 AP	R	82.7	68.2	75.5	1.3	86	14+	59	7		0	0	0	0	.72	- .59	.32	21	.0	0		2	0	0
KAHUKU 912	A														2.65	- .20			.0	0				
KANEOHE MAUKA 781		76.6	66.9	71.8	- .7	80	20+	61	7		0	0	0	0	5.10	- .43	1.80	11	.0	0		11	2	1
KOOLAU DAM 833	A														9.30	2.35	1.52	21	.0	0		21	6	2
LUALUALEI 804	A	84.3	66.0	75.3		92	24	56	7		1	0	0	0	.84				.0	0			0	0
MAKAPUU POINT 724		74.9M	65.3M	70.1M		79	22+	58	5		0	0	0	0	.85	- .93	.17	9	.0	0		6	0	0
NUUANU RES 4 783															12.08	2.07	2.78	10	.0	0		19	6	3
OPAEULA 870	A	73.9	60.7	67.3	- .7	79	23+	57	5+		0	0	0	0	2.32	- 1.84			.0	0				0
PALOLO VALLEY 718	R														12.26	- .25	2.26	10	.0	0		18	8	4
PRI WAHIAWA 820.2	A	78.2	61.1	69.7		85	19	54	9+		0	0	0	0	1.32				.0	0			0	0
WAHIAWA DAM 863	A														1.29		.36	17	.0	0			0	0
WAIAHOLE 837	A														10.53	- 2.77	3.47	11	.0	0				
WAIALEE 896.3		78.9M	66.9M	72.9M		83	29	63	5		0	0	0	0	3.75		.90	3	.0	0		10	2	0
WAIALUA 847	A	79.2	62.1	70.7	- .8	85	19	54	9+		0	0	0	0	.52	- 1.20	.11	17	.0	0		2	0	0
WAIKIKI 717.2		82.1	67.0	74.6		85	19	55	7		0	0	0	0	.15		.03	24+	.0	0		0	0	0
WAIMANALO EXP FARM		79.3	67.1	73.2		82	25+	57	7		0	0	0	0	.99		.20	27	.0	0		3	0	0
WAIPAHU 750	A														.78	- 1.10			.0	0				0
ISLAND				72.1											3.67				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														.89	- 2.17	.28	10	.0	0			0	0
MAPULEHU 542															3.08	.03	.94	10	.0	0		16	1	0
MAUNALOA 511	A														.64	- 1.67	.19	10	.0	0			0	0
MOLOKAI AP 524		77.9	65.6	71.8		81	21+	59	6		0	0	0	0	.42		.20	10	.0	0		1	0	0
ISLAND				71.8											1.26				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	73.4	60.3	66.9	- .1	79	25+	53	9		0	0	0	0	1.34	- 1.58	.55	3	.0	0		5	1	0
ISLAND				66.9											1.34				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA 8 E S 434	A														3.96	- 4.00	1.11	4	.0	0		12	2	1
HALEAKALA RS 338		61.6	41.1	51.4		70	15	32	5		0	0	1	0	1.03		.45	4	.0	0		3	0	0
HANA AIRPORT 355		M	M	M							0	0	0	0	V 9.49		.99	10	.0	0			2	0
HONOKOHUA 493	A														2.72	- .46	.85	10	.0	0			1	0
KAANAPALI AIRPORT		80.0	65.0	72.5		83	19	59	6+		0	0	0	0	.07		.02	29+	.0	0		0	0	0
KAHULUI WSO 398 AP	R	81.8	64.5	73.2	- .2	85	21+	57	7		0	0	0	0	.44	- 1.00	.15	3	.0	0		1	0	0
KAILUA 446		73.0	62.9	68.0	- 1.1	76	20	58	5		0	0	0	0	6.16	- 5.37	.98	10	.0	0		19	3	0
KEANAE 346	A														10.60	-14.50			.0	0				
KIPAHULU 258															3.67	- 3.37	.75	10	.0	0		17	1	0
KULA SANATORIUM 267		70.4	54.0	62.2	.2	74	23+	49	8+		0	0	0	0	1.24	- 1.45	.80	4	.0	0		2	1	0
LAHAINA 361		84.2	61.5	72.9		87	18	56	7		0	0	0	0	.02	- 1.03	.02	21	.0	0		0	0	0
PAIA 406															1.12	- 2.01	.17	17+	.0	0		3	0	0
WAILUKU 386	A	M	M	M		82	23+	59	9		0	0	0	0	.64	- 2.06	.38	4	.0	0		1	0	0
ISLAND				66.7											2.64				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		75.8	64.3	70.1	.1	79	21+	60	20+		0	0	0	0	3.04	- 4.63	.95	10	.0	0		8	2	0
HAWAII VOLCNS NP HQ 54		63.8	50.5	57.2	- 1.9	69	10	43	9		0	0	0	0	7.08	- 1.32	.85	10	.0	0		18	4	0
HILO WSO 87 AP	R	79.6	64.7	72.2	.6	83	18	60	6		0	0	0	0	7.34	- 4.58	2.00	10	.0	0		15	3	1
HUEHUE 92.1	A														1.03	- 1.98			.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation									
										No. of Days									Snow, Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		75.9	59.5	67.7		79	14+	54	7		0	0	0	0	1.80	- 3.86	.65	3	.0	0		5	1	0
KEAAU 92		77.2	62.5	69.9	- 1.2	79	23+	60	22+		0	0	0	0	7.38	- 5.04	1.37	10	.0	0		21	4	1
KEALAKEKUA 26.2		84.1M	59.4M	71.8M		88	13	55	8		0	0	0	0	.81		.38	3	.0	0		2	0	0
KONA (KAILUA) 68.3	A	80.8M	67.1M	74.0M		85	11	62	9		0	0	0	0	.65				.0	0			0	0
KUKUIHAELE HIC 199															6.77	- 2.46	2.01	10	.0	0		10	4	2
KULANI CAMP 79		59.4M	44.8M	52.1M		64	5	38	3		0	0	0	0	5.16		.87	9	.0	0			2	0
PAHALA 21	A	M	M	M		82	17	58	30+		0	0	0	0	.49	- 2.67	.17	21	.0	0		1	0	0
POHAKULOA 107	A														.40				.0	0			0	0
PUAKO 95.1	A	82.6	66.7	74.7		85	28+	60	7		0	0	0	0	.03		.02	6	.0	0		0	0	0
PUU WAAWAA 94.1	A														.60	- 1.70	.38	2	.0	0			0	0
UMIKOA 118															3.84	- 5.49	1.58	5	.0	0				1
WAIAKEA SCD 88.2															11.52		2.44	10	.0	0		21	8	4
ISLAND				67.7											3.62				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																								
* * * EAST OF 180TH MERIDIAN																								
CANTON ISLAND	R	91.6	78.5	85.1	1.5	94	15	74	20+		27	0	0	0	1.34	- 2.28	.65	20	.0	0		3	1	0
FAGA ALU RESERVOIR															10.68		2.00	7	.0	0		22	9	1
JOHNSTON WSO AP	R	79.6	73.8	76.7	- 1.3	82	19	68	7+		0	0	0	0	.87	- 1.41	.56	9	.0	0		2	1	0
LEONE		90.2	74.8M	82.5M		93	4	73	27+		25	0	0	0	11.62		3.30	5	.0	0		15	9	3
FRENCH FRIGATE SHOALS		79.4M	67.0M	73.2M		84	23+	63	4		0	0	0	0	1.66		.85	8	.0	0		5	1	0
LUMA VILLAGE															5.75		1.09	7	.0	0		11	3	1
MIDWAY SAND ISLAND		75.5	65.2	70.4		81	26	61	19+		0	0	0	0	1.76		.70	17	.0	0		6	1	0
PAGO PAGO WSO AP	R	88.3	76.1	82.2		90	17+	73	20		3	0	0	0	9.74		3.03	25	.0	0		15	5	2
SWAINS ISLAND		88.1	70.7	79.4		91	21+	66	25		10	0	0	0	12.56		2.87	9	.0	0		19	8	4
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		83.4	76.3	79.9		85	21+	74	23		0	0	0	0	1.67		.63	23	.0	0		4	1	0
CLARK AFB LUZON		94.9	75.7	85.3		97	30+	73	18+		30	0	0	0	.21		.21	27	.0	0		1	0	0
GUAM NAS		85.6	76.9	81.3		89	3	74	1		0	0	0	0	1.09		.18	4	.0	0		4	0	0
GUAM WSO	R	86.2	72.9	79.6	- .3	87	29+	71	28+		0	0	0	0	1.90	- 1.13	.34	23	.0	0		6	0	0
MANGILAO															1.42		.22	25	.0	0		7	0	0
ROTA															3.98		.50	23	.0	0		16	1	0
SAIPAN USCG LORAN		88.3M	75.1M	81.7M		90	11+	69	20		2	0	0	0	2.20		.57	12	.0	0		6	1	0
WAKE WSO AP	R	84.4	72.4	78.4	.0	87	7	69	25+		0	0	0	0	.89	- .98	.19	13	.0	0		2	0	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGJAR															15.03		2.80	11	.0	0		21	10	5
ENIWETOK		86.4	75.3	80.9	- 1.2	87	30+	70	1		0	0	0	0	.70	- .58	.20	1	.0	0		4	0	0
FALALOP I, ULITHI ATOLL																								
KAPINGAMARANGI																								
KOROR WSO	R	88.0	76.5	82.3	1.0	90	25+	74	11+		3	0	0	0	11.29	.90	2.69	11	.0	0		17	9	1
KWAJALEIN WSO AP	R	87.7	77.6	82.7	1.9	89	24+	74	17+		0	0	0	0	4.53	- .49	1.29	13	.0	0		7	3	2
LELE I. KUSAIE																								
MAJURO WSO AP	R	85.3	77.3	81.3	.7	88	3	73	4		0	0	0	0	14.59	2.28	6.63	4	.0	0		13	6	4
METALANIM																								
MOKIL ATOLL																								
NGASANG, BABELTHUAP															11.52		1.67	17	.0	0			8	3
PONAPE WSO	R	85.8	76.2	81.0	.5	90	5	72	27		1	0	0	0	24.38	4.34	2.91	9	.0	0		18	12	10
SATAWAN ATOLL															14.62		2.60	9	.0	0		19	9	4
TRUK, MOEN I, WSO AP	R	86.0	77.6	81.8	1.0	89	2	74	21+		0	0	0	0	8.83	- 3.49	1.77	21	.0	0		13	4	4
WOLEAI ATOLL		89.3	74.6	82.0		91	26	71	3		13	0	0	0	10.30		2.31	15	.0	0		15	7	3
YAP WSO AP	R	88.0	77.1	82.6	.8	90	15+	73	28		5	0	0	0	5.62	- .76	1.62	16	.0	0		9	4	2

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * * ISLAND OF KAUAI																																	
ANAHOLA 1114	A	2.44	*	.35	.05	.07			*	*	.54	.15	.07	.10	.43	*	*	.03	.1			*	*	*	.36								
BRYDESWOOD STA 985	A	3.03	*	.39	T	T			*	*	.07	.05	.14	.02	.30	*	*	.12	.35	.26	T	*	*	*	.8	.05							
EAST LAWAI 934	A	3.91	*	1.32	T				*	*	.25	.07	.17	.03	.02	*	*	.35	.24	.15		*	*	*	.5								
ELEELE 927	A	.78	*	.16					*	*	.01	T			T	*	*	.02	.16	.08		*	*	*	.4	.5		T					
HALAULA 1110	A	2.55	*	.26	.15	.25			*	*	.45	.04	.10	.0	.63	*	*	.1	.1			*	*	*	.15								
HALENANAHO 1006	A	4.97	*	.97	.03	.07			*	*	.39	.41	.96	.05	.06	*	*	.9	.36	.22	.03	*	*	*	.69	.3		.1	.3	*	*	.24	
HUKIPO 945		.00																															
ILILIULA INTAKE 1050	A	10.38	*	2.10	.06				*	*	.30	.51	.78	.05	1.10	*	*	1.08	.94	.31	.03	*	*	.50	.32	.9	.2	.04	*	*			
INTAKE WAINIHA PC 1086	A	8.38	*	.60	*	*	*	1.39	*	*	1.65	.23	*	*	1.06	*	*	.43	*	*	.64	*	*	*	.43	*	*	*	*	*	*	.25	
KANALOHULUHULU 1075		3.15			.02	1.16	.10	.18	.50	.17	.04	.01	.05		.24	.05		.01	.09	.04			.04		.01	.01	.02	.1	.4		.28	.1	
KANEHA RESERVOIR 1092	A	5.98	*	.80	.15	.60	.03		*	*	.75	.11	.37	.35	.80	*	*	.15	.25	.08		*	*	*	.75	.5	.3	.6	.5	*	*	.4	
KAPAA STABLES 1104	A	2.91	*	.30		.50			*	*	.40		.06	.07	.46	*	*	.02	.25	.03		*	*	*	.50	.4	.2		.3	*	*	.25	
KEALIA 1112	A	2.40	*	.10	.11	.30			*	*	.40		.05	.10	.49	*	*	.06	.20			*	*	*	.42				.2	*	*	.10	
KEKAHA 944		.08							.06											.02													
KILAUEA 1134	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILAUEA POINT 1133		1.35		.02	.02			.03	.05		.09	.24	.01	.07		.0	.02	.15	.11		.01	.06	.02			.71	.02	.04	.13		.05	.05	
KOLO 1033		.29				.08			.11																						.06	
KOLOA 936	A	3.71	*	1.05		.10			*	*	.20	.27	.30	.04	.05	*	*	.28	.26	.17		*	*	*	.63			.2	.6	.6	*	*	.13	
KOLOA MAUKA 994	A	5.96	*	.86	.04	.18			*	*	.25	.29	.94	.10	.25	*	*	.36	.48	.26		*	*	*	1.14	.05	.3	.4	.15	.5	*	*	.4	
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KUKUIULA 935	A	1.18	*	.16					*	*	.12	.03	.14	.01				.04	.19	.09		*	*	*	.9	.1	.2		.5	*	*	.0	
LIHUE VARIETY STA	A	3.49	*	.52	.10	.02		.02	*	*	.38	.27	.44		.27	*	*	.5	.27	.07		*	*	*	.44	.2	.2	.13	.7	*	*	.12	
LIHUE 1020	A	2.08	*	.20	.08	.01			*	*	.23	.19	.19	.01	.07	*	*	.08	.7	.30		*	*	*	.44			.1	.2	*	*	.04	
LIHUE WSO 1020.1 AP	//R	1.00	T	.03	.16	T		T	.08	.01	.13	.08	.01	.02	T	T	T	.93	.12		T	.3	.2	T			.2	.4	.2	T			
MAKAHUENA POINT 940.1		.89								.02	.19	.09	.07					.01	.05	.04		.1	.05	.03	.02		.4	.3	.9			
MAKAWELI 965	A	.16																	.06				.03	.01								
MANA 1026		.28							.10															.16								
MOHIHI UPR CROSS 1083	A	3.17			.42	.08		.17	.34	.08	.08	.08	.08	.34		.08		.34	.51				.08	.08			.25			.08	.08	
MOLOAA 1145	A	1.99	*	.47	.04	.08			*	*	.43	.15	.08		.15	*	*	.04	.1	.05		*	*	*	.4			.1	.1	*	*	.1	
MOUNT WAIALEALE 1047	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NIU RIDGE 1035		.32				.04			.08						.03					.03			.05		.09							
N WAILUA DITCH 1051	A	10.97	*	1.86		.36			*	*	.40	.60	.90	.46	1.20	*	*	.96	.70	.40		*	*	1.80	.2	.1	.3	.9	*	*	.83	
PH WAINIHA 1115		5.85	T		.11	.11	.02	.02	.30	.54	.48	.32	.42	.01	.52	.23	.04	.8	.67	.21	.22	.2	.60	.10	.02	.02	.3	.2	.3	.01	.02	.13	
PRINCEVILLE RANCH 1117		*	*	*	.43	.09			.18	*	*	1.76	.35	.03	.60	.19	*	*	.59	.03		.4	.25	*	.46	.2	.8	.05	*	*		
PUEHU RIDGE 1040		.33							.05						.07					.05			.05		.1							
PUHI 1013	A	3.57	*	.71	.16	.06			*	*	.25	.40	.50	.04	.03	*	*	.1	.24	.24		*	*	*	.48	.03	.3	.3	.8	*	*	.07	
RESERVOIR 6 1004	A	5.64	*	1.11		.13	.02		*	*	.44	.42	1.22	.06	.10	*	*	.14	.36	.16		*	*	*	.73	.5	.3	.7	.4	*	*	.19	
WAHIAWA 930	A	.90	*	.17					*	*	.03	.02	T		T	*	*	.03	.15	.11	T	*	*	*	.16	T	.03	.7	.9	*	*	.02	
WAIAHI LOWER 1054		5.52	.11	.10	.09	.03				.02	.14	.51	.69	.14	.49	.21	.03	.16	.58	.31	.09	.03	.36	.40	.08	.20	.3	.8	.6	.2	.15	.10	
WAIAHI UPPER 1052		7.26	.50	.30		.02			.02	.06	.10	.47	.65	.05	.99	.25	.30	.30	.50	.15	.02	.30	.40	.50	.25	.06	.4	.1	.1	.30	.32	.09	
WAIAWA 943		.04													.01					.03													
WAILUA KAI 1065	A	2.37	*	.29	.10	.13			*	*	.26	.07	.10		.05	*	*	.13	.22	.07		*	*	*	.64	.02	.05	.03	.09	*	*	.12	
WAIMEA 947		.00																															
WEST LAWAI 931	A	1.17	*	.24					*	*	.21		.02	.03		*	*	.08	.21	.06		*	*	*	.8			.2	.4	.4	*	*	.04	
* * * ISLAND OF OAHU																																	
BERETANIA PUMPING STA		.62									.03			T	.01			T	.06				.1	.08			.6	.6	.4	.4		.05	
CAMPBELL IND PK 702.5		1.18							.20	.22	.02								.01		.03	T	*		.15			*	*	.5			
CAMP H 807	A	1.17	*	.06	*	*	.08	*	*	*	.06	*	*	.06	*	*	*	.06	.17			*	*	*	.61			*	.4	.5	*	*	.01	
CHURCH COLLEGE LAIE		2.30			.05		.02	.01		.26	.16	.48	.15	.14	.02		.02		.14	.13	.07		.05		.4	.09	.3	.2	.4	.6		.03	.16	
COCONUT ISLAND 840.1		1.44		.04	.01	.04	.01		.03	.05	.11	.19	.17		.02	.02	.06	.03	.09			*	.26	*	.04	.1		.04	.1	.05	*	.04	
EWA PLANTATION 741		.75	*	.07				.01	*	*	.04								.01			*	*	*	.51	.02		.2	.5	*	*	.02	
HELEMANO INTAKE 881	A	4.88	*	.39	*	*	.14	*	*	*	.35	*	*	.24	*	*	*	.76	*	*	.58	*	*	*	2.04	*	*	*	.2	*	*	.16	
HOKULOA 725.2	A	1.73	*	*	*	.30	*	*	*	*	*	.07	*	*	*	*	*	*	.25	*	*	*	*	.50	*	*	*	*	*	*	*	.29	
HONOLULU OBSERV 702.2		.54									.05				T								.6	.3		.03			.2	.03			
HONOLULU WSO 703 AP	R	.72			T				T	T	.06	T		.01	T	T	T	.01	.32		T	.1	.32	T	.04	T	.1	.8	T	T	T	
HONOLULU SUBSTA 704	R	.46								.04	.02			.04				.02	.01			.15	.01	.05	.04		.2		.04			
H S P A EXP STA 707		.81									.05	T		T	.01	.01	.01	.0	.08			.04	.23	.0		.7		.1	.9	.03		.07	
KAENA POINT 841.3		1.91			.16				.24	.03	.05	.20		.4	.01		.01		.11			.05	.47			.4	.01	.03	.1	.05			
KAHANA 883	A	19.88	*	3.80	*	*	*	*	*	*	1.60	*	*	*	*	*	*	.	*	*	*	*	*	*	1.92	*	*	*	*	*	*	2.36	
KAHUKU 912	A	2.65	1.85	*	*	*	*	*	*	*	.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KAILUA FIRE STA 791.3		1.50			.19			T	.06	.07	.08	.09	.02				.05		.23	.04			.35					.3		.02		
KALIHI RES SITE 777	R	12.34	.02	.02	.62	.10			.02	.10	2.20	2.84	.12	.76	.38	.02	.40	.10	.42			.6	2.28	.06	.10	.2	.6	.4	.5	.08	.06	.20	
KANEOHE MAUKA 781		5.10	.05			.27				.05	.08	.96	1.80	.02	.10	.10	.09	.17	.23	.02		.01	.44	.1			.01	.23	.2	.3		.05	
KAPALAMA 773	A	3.11	*	.10					*	*	.30	.10		.20					.72				*	1.14			.1		.1	*	*	.19	
KAWAIHAPAI 841	A	.73	*	.19		.01			*	*	.11		.04	.03	.15			T	.06				*	*	.05				.1	.1	*	*	.02	
KAWAI IKI INTAKE 880.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KEMOO CAMP 8 855	A	1.05	*	.14					*	*	.33	.05	.06		.03	*	*	.03	.10			*	*	*	.05	.04			.3	.09	*	*	.10	
KOOLAU DAM 833	A	9.30				.17			.20	.05	.35	.27	.16	.34	.14	.11	.31	.22	1.09	.03		.1	1.52	.19	.49	.37	.30	.60	.92	.69	.09	.69	
LUALUALEI 804	A	.84	.05	.04										.05	.04		.02	*	.05			.1	*	.23	*	.09	.01						
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAKAHA KAI 796.1	A	.46				.03	T	T	.01				T		.03								.5	.24				T	T				
MAKAHA PUMP 800.2	A	.25							.15					.01											.04			.08				
MAKAPUU POINT 724		.85				.10				.10	.17	.04	.03				.04		.16				.02		.14			.11	.1			
MANOA 712.1		3.19	.05						.05	.04	.32	.15		.02		.05	.09	.18	.22				.78	.13	.7	.3	.02	.18	.32	.15		.21	
MANOA TUNNEL 2 716	R	13.24		.04	.42	.10				.48	2.14	2.32	.06	1.12	.16		.88	.18	.40			1.71	.93	.18	.3		.34	.78	.2	.08	.20	.22	
MOANALUA 770		1.22				.01					.13	.01		.06	.01	.02	.07	.02	.15			*	.30	.08	.6	.4	T	*	.3	.6		.05	
NUUANU RES 4 783		12.08	.02	.02	.44	.04			.02	.32	2.18	2.78	.02	.88	.44		.36	.26	.48			.8	.28	.52	.8		.4	.28	.2	.4	.12	.24	
NUUANU RESERVOIR 5 775	A	7.61	*	*	.30	*	.03	*	*	*	.53	.64	*	.57	*	*	*	.88	*	*		*	*	*	2.52	*	*	.28	*	*	*	.76	
OPAEULA 870	A	2.32				T			*	*	.18	.04		.02	.06		.32		.80			*	*	.9	.2	T		.2	.11	.34		.10	
PALI GOLF COURSE 788.1		4.61				.18	.02	.03	.05	.17	.26	1.03	1.12	.05	.05	.02	.10	.03	.24	.01		.19	.65	.06	.4		.2		.18	.03		.03	
PALOLO VALLEY 718	R	12.26	.02	.04	.58	.18			.08	.32	2.12	2.26	.04	1.06			.78	.12	.28			1.62	.84	.08	.8		.4	.7	.6	.2	.26	.22	
PAUOA FLATS 784	R	17.77		.06	.38	.08	.01			.32	2.42	2.72	.08	1.36	.62		1.30	.44	.93	.01		1.10	.52	.86	.46	.7	.4	.8	1.1	.5	.20	.28	.46	
PORTLOCK ROAD 724.4		.83			.02	.23	.01		.03	*	.13	.11	*	*	.02		.36	.01	.06								.03	.5	.2	.03			
PRI WAHIAWA 820.2	A	1.32	*	.03		.05			*	*	.08	.01	.02		.06	*	*	.04	.29	.05		*	*	*	.44	.10	.2	.9	.4	*	*	.08	
PUNCHBOWL CRATER 709	A	1.25								.01	.03		.01		.05	.01	.03	.02	.05	.01		.01	.39	.01	.04	.8	.2	.15	.7	.05	.01	.09	
ST STEPHENS SEM 788		4.59	.09	.01	T	.12	T	.01	.02	.15	.25	.73	1.07	.03	.05	T	.05	.19	.25	T			.98	.17	.03	.6	.2	.04	.8	.04		.03	
TANTALUS 2 780.5		7.80	.07		.03	.16				.03	.65	.19	.16	.10	.58	.14	*	.69	.53	.02		.01	1.47	.41	.7	.3	.3	.6	.19	.33	.12	.38	
UNIV OF HAWAII 713	A	.96	*	.16	.01	.01			*	*	.09	T	.01	T	.03	*	*	.04	.07			*	*	*	.13	.8	T	.1	.7	.6	*	*	.12	
UPPER WAHIAWA 874.3		4.63				.03				.04	.28	.04	.03	T	.17	.15	.01	.46	.9	.09		.01	.47	.12	.24	.4	.5	.40	.8	.19	.36	.06	.23	
WAHIAWA DAM 863	A	1.29	*	.07				.01	*	*	.17	.02	.01		.05	*	*	.08	.36			*	*	*	.1	.6		.04	.2	*	*	.18	
WAIAHOLE 837	A	10.53	*	.54	.04	.58			*	*	.15	2.82	3.47	.15	.74	*	*	.24	.16	.17		*	*	1.05	.3	.05	.02	.06	*	*	.26	
WAIALAE KAHALA 715		.41	T		T	.07	T			T	.03	T			.01		.02	.03	.04	T		.03	T	T	T	.02	T	.7	.5	.02	T	.02	
WAIALEE 896.3		3.75			.90	.26			.01		.01	.20	.63	.16	.29	.01	.04	.07	.43	.02		.02	.04	.03	.04	.03	.02	.10	.7	.06		.21	
WAIALUA 847	A	.52				T			.06	.02	.03	.03	.06		.04			T	.11	T			.04			T	T	T	.10		.03		
WAIANAE 798.2	A	.33				.01									.01				.02				.11	.18	T			T				
WAIANAE MAUKA 803	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAIAWA 836	A	12.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.35	
WAIKANE 885	A	9.89	*	1.48	*	*	*	*	*	*	1.20	*	*	*	*	*	*	5.38	*	*	*	*	*	*	1.05	*	*	*	*	*	*	.78	
WAIKIKI 717.2		.15						T			.02				.02		T		.03			.1		T	.03			.02	.2	T			
WAIMANALO EXP FARM		.99				.14				.08	.07	.03	.08				.05		.09				.12	.03			.3	.02	.2	.05			
WAIMEA 892	A	2.82				.01			*	*	.18	.01	.03	.01	.10	*	*	.17	.56	.02		*	*	*	.90	.5	.01	.04	.36	*	*	.38	
WAIPAHU 750	A	.78							*	*	.02				.03				.05			*	*	*	.57				.9	*	*	.02	
WILHELMINA RISE 721	R	2.11			.13	.02				.06	.10	.12	.04	.02			.10	.04	.08		.36	.36	.08	.02	.2	.2	.08	.6	.4	.06	.04	.06	

See reference notes following Station Index

DAILY PRECIPITATION

Station		Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																
ISLAND OF [illegible]																																
[illegible]	A	3.44	.11	.08			.00	.09	.11	.61	.86	.26	.35	.73	.32	.07						.06				.06	.09	.03	.05	.01	.02	
[illegible]	A	.04										.04																				
[illegible]	A	.15	•	•	.02	•	•	•	•	•		.55	•	•	•	•	•	•	•	•	•	•	•	•	.02						
[illegible]	A	.04			T	.11	.01	•	•	•	.17	.28			•	•	•					•		.17	.05	.02	T	.05	.02	•	•	.02	
[illegible]		.00	.11	.10		.11			.02	.11	.15	.94	.20	.10	.04	.04	.10	.01	.03		.10		.12	.04	.06	.08	.12	.10	.10	.13		.10	
[illegible]	A	.04				.11	.01		•	•	.14	.19							.02			•	•	•	.12			.13	.01				
[illegible]		.00				.01	.01			.02	T	.20	.01			T			.05			.01				T	.09	.01	.01			
[illegible]		.01	•	•	.03	.58	.04			.06	.24	1.63	.01	.24	.11	•	•	.14	.05			.05	•	•	.15			.02	.10	•	•	.11	
[illegible]	A	1.04	•	.79	•	•	•	•	•	•	•	3.38	•	•	•	•	•	•	1.67	•	•	•	•	•	.92	•	•	•	•	•	•	
• • •																																
ISLAND OF [illegible]																																
[illegible]	A	.28					•	•	•	•	•	•	.25	•	•	•	•	•	•	•	•	•	•	•	•	•	1.07	•	•	•	•	
[illegible]	A	.05																			•	•	•	.05								
[illegible]	A	1.34			.55					.12	.32	.17												.15				.03				
[illegible]	A	4.19	•	•	•	•	.52	•	•	•	•	•	•	2.05	•	•	•	•	•	•	•	•	•	•	•	•	1.52	•	•	•	•	
[illegible]	A	.44	•	•	•	•	.04	•	•	•	•	•	•	.05	•	•	•	•	•	•	•	•	•	•	•	•	.36					
[illegible]	A	.15	•	•	•	•	.25																									
[illegible]	A	.13	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.05	•	•	•	•	•	•	•	•	•	•	•	•	•	.18	
• • •																																
ISLAND OF [illegible]																																
[illegible]		.39	•	•	•	•	•	•	•	•	•	•	.39	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	
[illegible]	A	3.43	.02			.11	.11	.03	.01	.40	.03	.12	.17	.01	.13	.04		.11	.96	.01			.02	.16		.04		.22	.12	.02	.10	.03	
MALEAKALA RANCH 432	A	2.35	•	•	•	.28	•	.07	•	•	.17	•	.06	•	•	•	•	•	.60	•	•	•	.04	.17	•	•	•	.17	•	•	•	•	
[illegible]		.03				.45	.01					.10	.09		.02	.02			.25			.03	.04	.01	.01			T					
MALEAKALA SUMMIT 338.4	A	.16				.08						.04							T				.04	T									
[illegible]	A	1.78	•	.27		.45			•	•	.12	.04		.01	.09	•	•	.22	.23	.02		•	•	•	.02		.17	.12	•	•	.02	
[illegible]		3.67	.11		.01	.15	.01	.15	.01	.09	.56	.20	.02	.08	.06	.04	.02	.17	.34	.04			.11	.03	.08	.09	.03	.15	.10	.20	.32	.20	
[illegible]	A	4.52	•	.15		2.10	.01	.15	•	•	.32	.45	.13	.37					.24			.06	.09			.14	.18		.07	.12	•	.15	
[illegible]		7.49	•	.17	.07	.72	.03		•	•	.30	.99	•	.24	.01	•	•	•	•	.01	.01	•	•	•	.44	.01	.01	.14	.05	•	•	.22	
[illegible]		4.04	.03	.04			.20	.08		.02	.20	.91	.18	.04	.05				.61	T				.08	.05		.12	.08	.10	.12	.20	.33	
[illegible]	A	.15	•	.88	•	•	•	•	.11		T	•	•	•	•	•	•	.08	•	•	.05	•	•	.03				T		T	•	
[illegible]	A	7.44	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	7.44	T	•	
[illegible]	A	2.72	•	.23	.05				•	•	.12	.85	.10	.25	.16	•	•	.14	.05	•	•	•	•	•	.11			.15	.06	•	.45	
[illegible]	A	2.60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.60	
[illegible]		.07								.01					.02	T	T		T				.01					.01	T	T	.02		
[illegible]	A	2.75	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.75	
[illegible]	R	.44			.15	.01		.01	.05	.01		T		T	T	T		.04	.03							T	.08	.05		.01		
[illegible]	A	6.07	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	6.07	
KAILUA 446		6.26	.05	.07	.02	.60	.05	.02	.01	.18	.14	.98	.26	.14	.34	.16	.08	.24	.54	.01			.49	.15	.22	.10	.13	.07	.22	.35	.15	.39	
KAPAAKEA INTAKE 375	A	2.87	•	2.05	•	•	•	•	•	•	.08	•	•	•	•	•	•	.10	•	•	•	•	•	•	.52	•	•	•	•	•	.12	
KEAHUA 410		.67				.33	T	T		.02	.05							.02	.12					.02			.07	.04				
KEANAE 346	A	10.60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	10.60	
KEANAE BEACH 269.2		.00																														
KIHEI 311		.02				.01				.01																						
[illegible]		3.67	.30	.38	.16					.11	.75	.15	.10	.13	.21	.11	.14	.04					.32		.13		.10	.14		.14	.26	
KULA HEIGHTS 423.2		1.32				.93	.07	.04		.15			.04									.07	.02									
KULA SANATORIUM 267		1.24	.02		.03	.80	.03	.01		.03		.02	.03	.01		T						.20	.06	T					T			
LAHAINA 361		.02																				.02										
LAHAINALUNA INTAKE 376	A	2.30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.30	
LAHAINALUNA VILLAGE 372	A	.08																				.08										
LOWER KAPAA 442	A	8.00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	8.00	
MAHINAHINA 476	A	1.21										.12			.50	.10											.06		.13		.10	
MAKAWELI 497	A	3.23	•	.27	•	•	•	•	•	•	.28	•	•	•	•	•	•	2.06	•	•	•	•	•	•	.11	•	•	•	•	•	.51	
MANOA 330	A	3.48	•	.75	.02	1.29	.29	.13	•	•	.23	.24		T	.03	•	•	.02	.18	.02	T	•	•	•	.26	T		T	T	•	.02	
MOMAKU 296		.00																														
PAAKEA 350		11.83	.07	.13	.04	1.69	.09	.03		.49	.64	.99	1.28	.18	1.12	.29	.19	.45	.65	.09		.09	.69	.26	.67	.16	.04	.25	.30	.30	.18	.47	
PAIA 414		4.42	.02	.01		.17	.01	.06	.01	.08	.07	.02	.01	•		.01	.02	.09	.17	.01				.01		T		.13	.07	.03	.09	.03	
PAIA PINECO 59.2	A	4.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	4.70	
PUAAKEA BRIDGE 407	A	.13				.05			•	.04	.04																					
POLIPOLI SPRINGS 267.2	A	1.56	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	1.56	
PUOHOKAMOA 2 343	A	12.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	12.20	
[illegible]		.27				.23												.03	T									.01				
SPRECKELSVILLE 40.2		.04				.25		.03		.02	.07	T				.01		.03	.08								.09	.04			.02	
TWIN GATES 271.3	A	.42	•	•	•	.42	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•		
WAIAKOLE 333	A	3.41	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	3.41	
WAIOHUANA 301	A	.00																														
WAIOLAKAUA RANCH 250		.11				.08																					.02		.01			
WAIOHULI 394		.17																				.17										
WAIEHU CAMP 484	A	.24	•	•	•	.84	.04		•	.05	.08	.26	T			T	•	.06	.05								T	.04	.01	.01	.03	
WAIHEE 281.6	A	1.73	•	•	•	.85	.02		•	.07	.16	.34	T			.03	•	.08	.06								T	.03	T	.08	.01	
WAIKAPU 142	A	9.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•		•	•	•	9.70	
WAILUKU COMM 337	A	13.52	•	4.26	.05	1.27	.45	.16	•	•	1.00	.91	1.12	.02	.07	•	•	.38	1.64	.07	.01	•	•	•	.20	.15	.03	.36	.64	•	•	.73	
WAIOKOA 39	A	.20	•	•	•	.08			•	.03	.05																.04					
WAIOLA 380	A	.64	•	.02		.38			•	•	.03	.08															.05	.08				
WAIUPAI RANCH 256	A	.36										•	•	•	.25															•	•	.11	
• • •																																
ISLAND OF HAWAII																																
[illegible]	A	.60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.60	
AWINI 182.1	A	.84	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.84	•	•	•	•	
[illegible]		.15	.05	.05	.04	T																		T	.01	T						
EAST HONOKANE 183.2	A	18.00	•	•	•	•	•	18.00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
HAINA 284		3.04	.11			.45	.11	.09	.03	.50	.26	.95	.14	.02	.02	.02			.01							.15		.02	.25				
[illegible]		8.40	.03	.18		.93	.04			.56	.05	2.94	.38	.10	.28	.18	.11	.28	.03	.01			.22	.21	.33	.08	.12	.20	.43	.13	.25	.03	
[illegible]	A	1.74	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.22	•	•	•	•	•	•	•	•	•	•	•	•	•	.52	•	
[illegible]	A	1.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.65	
[illegible]	A	.04										T											.04	T								
MAMALAHOA 54		7.08	.09	.65	.01	.12	.17	.07	.04	.07	.03	.85	.53	.16	.60	.27	.37	.32	.46	.12	.07	.02	.17	.35	.47	.26	.02	.06	.31	.08	.26	.08	
[illegible]	A	5.56	•	1.48	.03	.06	.02	T	•	•	.10	1.25	.17	.08	.92	•	•	.13	.02	.11		•	•	.10	.20	.02	.08	.14	•	•	.65	
[illegible]		14.22	.21	.35	.03	T	.02	.14	.08	.06	.26	2.43	1.14	.22	1.40	.55	.19	.53	.40	.21	T	.01	.12	.93	.53	.51	.02	.40	.63	.10	.41	.32	
MILO WSO 87 AP	R	7.34	.13	.06	.26	.05	T		T	.27	.72	2.00	.07	.48	.43	.31	.41	.08	.18	.01	.04	.07	.62	.09	.13	T	.02	.31	.26	.01	.36	.13	
[illegible]	A	1.28	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.28	•	•	•	•	
[illegible]	A	.41	.10	•	.31	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
[illegible]		.21	•	.07	.30		.06						.04					.05				•	•		.06							
[illegible]		8.44	.05	.30		1.10	.10			.53	.06	2.60	.68	.17	.37	.33	.12	.24	.09	.01			.26	.28	.23	.07	.12	.11	.62	.22	.23	.05	
[illegible]	A	1.00	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1.00	•	•	•	•	
[illegible]		12.55	.10	.51		.51	.05			.04	.88	2.43	.88	.35	.78	.53	.52	.49	.34	.12	.03		.16	.90	.28	.32	.23	.48	.39	.13	.38	.11	
[illegible]	A	.60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.60	•	•	•	•	
[illegible]	A	.18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.18	•	•	•	•	
MUEMUE 92.1	A	1.43	.43	.21	.10	.23	•	•	•	•	•	•	•	•	•	•	•	•	.26	•	•	•	•	•	•	•	•	•	•	•	•	
KAALA IKI 12	A	2.45	•	•	•	•	•	.63	•	•	•	•	•	1.02								•	•	•	•	•	•	.50	•	•	•	
[illegible]	A	.49	•	.18	.45		.04											T				•	•	.26								
KAIMU 11 [illegible]		1.80	.15	.11	.05		.25			.01			.08				.08			.03			.04		.39	T	.03	.01			.01	
KALAPANA NO 1 67.8		4.17	.07	.13	.11	T					.69	.09	.10	.82	.03	.03	T	.25	.18	.21	.20	.03	.12	.09	.20	.09	.09	.12	.05	.41	.16	
KAMAOA NO 2 5	A	3.15	.06	•	•	•	•	•	•	.12	•	•	•	•	•	1.28	•	•	•	•	•	•	.04	•	•		•	•	•	•	1.00	•	
[illegible]		1.15	.13	.05			.01			.15	.05	.33	.12	.05	.16		.02	.07	.01						.02	.01			.12	.04			
KAPAPALA RANCH 36	A	4.72	1.49	•	•	•	•	•	1.53	•	•	•	•	•	•	•	.50	•	•	•	•	•	.70	•	•	•	•	•	•	•	.50	•	
KAPUAI LAIMING 93.5	A	4.97	•	•	•	•	•	.85	•	•	•	•	•	•	2.10	•	•	•	•	•	.93	•	•	•	•	•	•	•	1.09	•	•	•	
[illegible]	A	13.62	•	•	•	•	•	[illegible]	•	•	•	•	•	5.82	•	•	•	•	•	•	1.30	•	•	•	•	•	•	2.50	•	•	•	
[illegible]		7.38	.21	.35		.61			.14	.01		1.37	.30	.48	.78	.35	.38	.55	.22	.17		.03	.10	.71	.17	.10	.11	.02	.26	.13	.37	.11	

See reference notes following Station Index.

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		.81	.07	.03	.38		.05					.02				.05	.01								.15							
KEHENA 181.2	A	25.50	*	*	*	*	*	25.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KIOLAKAA A C F 6	A	3.93	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.93	*	*	*	
KIPA 89.2	A	13.15	.28	.41			.04	.03	.06	.03	.18	2.27	.95	.33	1.42	.82	.35	.76	.24	.40		.01	.54	1.25	.47	.52	.01	.1	.6	.3	.50	.42	
KOHALA MAULILI 176	A	9.19	*	1.95		.18	.17	.01	*	*	.38	2.22	.17	.22	.80	*	*	.2	.0	.13		*	*	*	.1	.25	.5	.3	.41	*	*	1.54	
KOHALA MISSION 175.1		4.79	T	.02		T	.04			.12	.08	1.52	.18	.47	.81	.06	.03	.1	T	.14			.02	.4	.04	.18	.02	.08	.24	.03	.5	.2	
KOIAWE LOWER 196	A	7.77	*	*	*	*	*	2.75	*	*	*	*	*	*	3.52	*	*	*	*	*	*	.18	*	*	*	*	*	*	.2	*	*	*	
KONA (KAILUA) 68.3	A	.65	*	.35			.05						.05												.20								
KONA VILLAGE 93.8		.18	.06								.12																					
KUKAIAU 222		6.10			2.04	1.51	.16	.10	.44	.14	.40	.22		.19	.04		.07	.10	.05				.5	.31	.03	.2	.18	.13	T		.72	
KUKUIMAELE MIC 199		6.77				1.71	.76	.04		.71	.16	2.01	.36	.07	.02	.01			.05						.15		.03	.26		.28	.15	
KUKUIMAELE MILL 206	A	2.98				.08	.14	.01	*	*	.56	1.30	.40	.02	.04										.8	.01	.16	.12	*	*	.06	
KULANI CAMP 79		5.16	*	.29					.12		.87	*	.76	.16	.37	.17	.08	.28	.30	.19	.02	.07	.36	.5	.40	.69		.10	.5	.02	.17	.5	
KULANI MAUKA 76	A	.08									*	*	*	.08																		
KULANI SCHOOL SITE 78	A	4.23	*	*	*	*	*	*	1.60	*	*	*	*	*	*	1.46	*	*	*	*	*	*	*	*	*	*	*	*	*	1.17	*	*	
LANIHAU 68.2		2.86	.19	.06	1.38	.36	.20									.05	.07		.06	.31			.13		.05							
MAKAHALAU 103		2.18		1.15			.42	.10			.25	.14					.12															
MANUKA 2	A	.35	*	.10	.15								.10																			
MAUNA KEA OBS 111.2		.00																														
MAUNA LOA SLOPE OBS		.00																														
MIDDLE HOLUALOA 68.1	A	1.50	1.35	*	.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MIDDLE PEN 147.1	A	.00																														
MOALUA 18	A	.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20	
MOUNTAIN VIEW 91		12.92	.26	.34	.01		.03	.04		.44	.03	1.98	2.03	.18	1.01	.42	.46	.67	.41	.32	.05	.06	.2	1.48	.36	.50	.1	.19	.36	.18	.53	.16	
NAALEHU 14	A	1.05			T	T				.02		.43	.23		.24								.02	.04		T			.02	.07	.01	
NAPOOPOO 28	A	.28	*	.15	*	*	*	*	*	*	.08	*	*	*	*	*	*	.01	*	*	*	*	*	*	.04							
NIULII 179	A	5.29	*	1.53			.03		*	*	.28	.87	.42	.24	.43	*	*	.12	.5	.13		*	*	*	.5	.6	.22	.06	.8	*	*	.62	
OOKALA 223		4.95	.03	.03		.16	.96	.01	.01	.33	.30	.65	.45	.04	.58	.03	.03	.03	.1	.11					.4	.52	.01	.06	.17	.20	.02	.05	
OPIMIHALE 2 24.1		1.03	.17	.03		.26	T					.33	T				.01					.12	.03		.05		.02		.01			
ORCHID LAND EST 91.5	A	7.89	*	*	*	*	*	1.00	*	*	*	*	*	*	2.92	*	*	*	*	*		1.53	*	*	*	*	*	*	*	.44	*	*	*	
PAAUHAU 217		3.15				.42	.91	.07	*	*	.66	.61	.09		.02											.14			.22	*	*	.01	
PAAUILO 221		4.95	T		1.92	1.35	.11	.09	.54	.07	.33	.13	T	.07	.01		.02	.02	T				T	.18	.01	T	.09	.	T			
PAHALA 21	A	.49				.06	.05	.03			.01	.03	T		.02						.08	.17	.03							.01	T	
PAHOA 65		8.51	.13	.18	.09	.08	.06			.14	.01	1.09	.38	.33	.78	.31	.35	.49	.45	.23	.2	.3	.11	.69	.6	.22	.2	.13	.34	.30	.87	.25	
PAKAO 37	A	3.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.10	
PAPAIKOU 144.1		8.56	.16	.10	.01	.05	.08		.01	.43	.08	2.23	.98	.27	.20	.23	.25	.54	.07	.14	.01	.05	.2	.85	.29	.7	.08	.11	.36	.14	.39	.06	
PAPAIKOU MAUKA 140.1		11.48	.63	.16		.04			.01	.25	.15	2.25	1.10	.38	.53	.57	.23	.58	.41	.13		.01	.11	1.02	.25	.88	.8	.3	.33	.11	.78	.18	
PIIHONUA 89	A	23.45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	23.45	
POHAKULOA 107	A	.40	*	.40																												
PUAKO 95.1	A	.03			T			.02				.01		T																		
PUU KIHE 120	A	1.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.02	
PUU LAAU 102.1	A	.12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.12	
PUU LEHUA 73	A	.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.70	
PUU MALI 113	A	.97	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.97	
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU WAAWAA 94.1	A	.60		.38	.05											*	*	.07											*	.10		
SADDLE ROAD 1 84	A	10.27	*	*	*	*	*	5.11	*	*	*	*	*	*	2.08	*	*	*	*	*	*	2.05	*	*	*	*	*	1.03	*	*	*	
SOUTH POINT CORRAL 3	A	.86	.28	*	*	*	*	*	*	.17	*	*	*	*	*	*	.25	*	*	*	*	*	*	.02	*	*	*	*	*	*	.14	*	
UMIKOA 118		3.84				.53	1.58	.47	*	*	.74	*	.37	.02										*	*	*	.02	.02	.4	*	*	.05	
UPOLU POINT USCG 159.2		1.70		.05						.07		.60	.13	.01	.15	.04		.01		.07						.04	.01	.05	.2	.01	.27	.17	
WAIAKEA SCD 88.2		11.52	.15	.49		.07	.01	.11	.04	.16	.09	2.44	1.16	.30	1.13	.68	.20	.60	.18	.14		.05	.09	1.09	.47	.13	.11	.25	.54	.09	.60	.15	

See reference notes following Station Index

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1973

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
EASTERN MICRONESIA																																
[illegible]	H	1.34	.02	.04			T					.42			T					T	.04	.65		T			.05				
[illegible]		15.48	.47	.30		.05		.15	2.00	.50	.90	.27	.92	.80		.07	.12	.80	.20	.10				.10		.20	.12	.27	.50	.52	.87	.95	
[illegible]	R	.87		T		.03	.04	T	T	.12	.56			.01	T	T	.02	T	T		T				.01	T	.03		T	.05	T	
[illegible]		11.62						3.30	.80	.45	.55	.60					.60	.50		.15	.20		*	.05		.20	2.05	1.17	.10	.20	.70		
[illegible]		1.09							.13	.85		.03	.02	.44				.06	.01		.10	.05	.08			.16			.01	.01	.01		
[illegible]		5.75	.37	.55	.06	T		.17	.01	1.29	T	.08	.49	.93		T	.35	.32	.02	.05		.05		.01	.28	.34	.43	.05		.01	.97	T	
[illegible]		1.76	.05		.21	T		.02	.61	.03	T	.01			.11	T		.26	.70							.10	.30	.05	.12				
[illegible]	R	9.74	.49		.33			.02	1.29	.02	.83	.23			.22	.22	.32	T		T	.03		.06	.01	.01	.30	3.03	T	.36	.19	.24	.75	
[illegible]		16.56	.78	1.01	.18	1.04	.01	.05	.23	.40	2.87	.23		.22	.06	.15	.60	.83	.05	.20	.15		.03	.27	.52	.32	.47	1.25	.67				
WESTERN PACIFIC ISLANDS (NORTH OF EQUATOR)																																
[illegible]		1.67	.12	T		.12	.04	.02	.03	.04	T	T	.03	.01	.09	T	T	T	T	T		.05	.01	T	.63	.09	.03	.08	.01	.01	.05	.21	
[illegible]		.41	T											T		T											T	.21			T		
GUAM NAS		1.16	.04	.01	.01	.18	.03	.01	.06	.05	.02		T	T	.15	T	T			.03	T	T	.02		.15	.07	.16	.04			.04	.02	
[illegible]	R	1.90	.06			.30	.02		.06	.21			.18	.01	.01	.06	.03					.02	.01	T	.34	.09	.06	.15		.01	.02	.26	
MANGILAO		.42	.14		.16	.06	.19	.22			.05		.07		.03		.01				.01		.01		.03	.16	.22	.14				.02	
[illegible]		3.98	.14	.05	.10	.15	.10	.08	.06	T		T	.10	.05	.36	.05	.10	.07	.10	.20	.30	.35	.10	.25	.50	.05	.20	.30	.28	T	.02	.02	
[illegible]		2.25	.25	.04		.08	.03	.09		.01	.01		.22	.57	.12	.01	.05	.08		.02	.07	.35	.02		.09			.11			.18	
KWAJ WSO AP	R	.89	T	.01	.02	T	T	.01	.01	.05	.04			.06	.19	.09		T	T		.14					.05	.09	.07	.02	.01	.02	.01	
CAROLINE AND MARSHALL ISLANDS																																
ANGUR		15.13	.01			.05	.30	.25	.05		.25	.87	2.80			.75	1.25	.45	.40	.12	1.00	.43	.12	.87	.34	1.27	.83	.98	.18	.42	1.04		
ENIWETOK		.70	.20				.04										.12		.01		.11	.01			.16	.01	.01				.03	
FALALOP I, ULITHI		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOROR WSO	R	11.29	.99	.01	.07	.76	.88	.20	T	.87	.57	.46	2.69			.05	.37	.52	.24	T	.28	.13	.17	.09	.34	.84	T	.07	.06	.09	.54		
KWAJALEIN WSO AP	R	4.53		.05	.01		.42	.04	.01	.01		.06		.03	1.29	.15	.19	T	.69		.02	T		.01	.02	.01	.01	1.13	.35	.01		.02	
LELE I, KUSAIE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAJURO WSO AP	R	14.59	T	T	T	6.63	.03	.25	.40	.08		T	.16	.75	1.88	.13	.02		.07	.72	.16	.06	.01		.27	1.40	1.01	T	.05	.48		.03	
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible] ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NGARANGABABELTHUAP		11.52	.13		.01	.43	.12	.09	*	*	.18	.72	.75	1.58	.01	.05	.25	.56	1.67	.95	.49	.29	.35	.16	.18	1.46	.65	.04	.02	.16	.19	.03	
PONAPE WSO	R	24.38	.02	.02	T	.08	.36	2.05	.34	2.13	2.91	.03	.12	1.80	1.21	2.81	T	.08	1.58	.69	.30	.81	T		T	.01	.30	2.09	2.90	.42	1.30	.02	
SATAWAN ATOLL		14.62							.12	.42	2.60	.18	.25	.23	.83		.08	.11	.69	1.90	.55	.32	1.87	.45			.33	.17	1.90		.75	.87	
TRUK MOEN I. WSO AP	R	8.83		.03	.32		.14	.07	.05	1.43	.49	.20	.01	.48	.01	.13	.29	T	.18	1.37	T	1.52	1.77	T		T	T	.26	.04		.04	T	
WOLEAI ATOLL		10.30				.06	.17		.37	.88		.35	.01	.33	1.01	.02	2.31	.17	.05	1.61	.99		.82	.56	.19				.08	.21		.11	
YAP WSO AP	R	5.62			.11			.04		.04	.20		T	T	.16	.01		1.62	.68	.78	.01		.18	.16	T	T		.09	T	1.53	T	.01	

See reference notes following Station Index.

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	72	72	69	50	54	60	65	65	66	64	70	68	69	67	68	65	67	71	67	70	63	72	70	70	68	67	66	59	69	71		66.5
	MIN	53	52	46	43	44	45	48	50	51	51	53	44	46	52	52	54	53	47	49	51	53	54	52	53	54	53	51	50	48	47		50.0
KILAUEA POINT 1133	MAX	78	78	70	73	73	82	75	75	78	73	78	76	79	77	78	78	77	78	83	77	79	79	80	80	78	77	78	79	79	79		77.5
	MIN	69	68	65	61	61	62	62	67	66	66	67	68	66	68	64	65	69	66	67	69	66	66	71	66	66	65	67	65	69	68		66.2
LIHUE WSO 1020.1 AP	MAX	82	81	81	73	76	77	78	77	80	76	80	81	82	81	81	82	81	81	81	81	81	82	82	82	82	82	82	82	82	81		80.3
	MIN	73	72	66	64	61	61	60	66	65	69	70	67	68	73	71	70	70	71	65	71	70	72	72	72	69	70	70	72	72	71		68.8
MAKAHUENA POINT 940.1	MAX	76	83	81	83	73	85	83	78	85	89	78	83	82	80	82	83	79	83	88		88	89	87	88	83	82	87	78	82	82		82.8
	MIN	68	69	68	62	62	60	59	67	67	65	66	67	68	67	68	69	71	65	65		62	62	75	61	68	66	71	64	71	70		66.3
MANA 1026	MAX	85	82	85	82	81	80	81	79	81	83	83	85	82	85	84	84	86	83	84	84	83	84	82	84	83	82	82	84	80	83		82.9
	MIN	64	63	63	63	62	63	62	63	65	64	62	61	65	64	62	61	62	60	65	64	65	65	64	63	61	62	61	63	64	60		62.9
NIU RIDGE 1035	MAX	84	85	85	81	70	73	77	77	79	80	84	85	81	85	84	85	86	82	85	82	82	82	85	85	83	84	82	83	82	83		82.0
	MIN	58	59	58	58	57	58	59	57	56	57	59	58	60	59	60	58	59	56	61	56	59	59	59	60	58	59	58	57	58	57		58.2
WAIAHI LOWER 1054	MAX	78	78	81	76	74	76	77	76	73	72	75	76	78	78	79	77	75	78	81	79	79	79	78	78	76	76	77	76	78	78		77.1
	MIN	64	65	60	59	55	56	55	60	62	62	64	60	59	64	65	65	64	64	59	62	65	64	64	65	65	63	60	63	64	62		62.0
* * *																																	
ISLAND OF OAHU																																	
EWA PLANTATION 741	MAX		83	83	84	78	79			78	80	79	82	81			84	80	81	83				83	82	82	78	79			82		
	MIN		65	64	57	61	59			56	66	65	63	65			65	66	64	64				63	65	66	67	66			63		
HONOLULU WSO 703 AP	MAX	84	85	82	78	80	78	79	81	82	81	84	83	86	86	84	82	84	84	83	80	82	84	85	84	83	82	83	84	85	84		82.7
	MIN	73	72	68	63	61	63	59	61	67	71	71	67	70	72	71	70	68	68	67	66	67	71	71	71	70	71	70	70	69	69		68.2
HONOLULU SUBSTA 704	MAX	79	79	78	72	71	73	74	74	76	76	77	78	79	78	75	76	77	80	78	77	79	80	80	79	76	75	78	79	79	79		77.0
	MIN	72	71	68	64	62	64	65	66	66	70	70	69	71	72	68	69	68	70	69	69	70	71	69	70	70	68	70	69	70	69		68.6
KAHUKU 912	MAX																																
	MIN																																
KANEOHE MAUKA 781	MAX	77	78	79	79	72	71	74	72	70	73	71	78	78	80	78	75	77	78	80	80	78	79	79	79	78	76	75	79	77	78		76.6
	MIN	71	71	67	64	62	62	61	62	62	63	69	68	68	71	62	63	68	69	66	67	69	68	69	70	71	69	69	68	69	70		66.9
LUALUALEI 804	MAX	82	81	85	85	76	77	82	88	83	84	87	86	84	87	86	84	84	87	86	85	85	86	86	92	84	86	86	82	85	84		84.3
	MIN	67	69	66	62	64	60	56	61	64	66	66	65	65	69	69	74	66	66	62	64	66	63	72	70	70	68	69	67	69	66		66.0
MAKAPUU POINT 724	MAX	75	75	75	78	70	72	74	74	72	74	71	76	76	76	75	74	74	75	79		76	79	78	75	75	74	75	74	75	75		74.9
	MIN	64	66	66	64	58	62	62	64	61	62	67	64	69	70	64	63	64	65	70		67	70	67	67	67	67	64	68	67	66		65.3
OPAEULA 870	MAX	75	75	75	79	69	70	74	72	75	70	70	74	70	75	75	75	75	74	76	78	78	75	79	72	74	72	72	72	74	72		73.9
	MIN	62	63	59	57	57	58	58	59	58	59	62	61	62	62	61	60	61	62	59	62	64	59	62	62	62	63	63	62	63	59		60.7
PRI WAHIAWA 820.2	MAX	80	81	81	80	70	73	73	72	74	77	75	82	78	81	80	82	79	79	85	78	78	80	81	81	79	75	74	78	80	80		78.2
	MIN	68	62	61	58	55	56	54	60	54	62	63	62	63	65	64	60	63	61	60	60	64	63	60	64	61	64	63	64	61	59		61.1
WAIALEE 896.3	MAX	81	80	81	80	72	75	79	76	76	77	75	79	72	80	81	79	80	79	82	81	81	81			82	80	76	79	83	81		78.9
	MIN	70	70	67	65	63	68	65	65	66	66	67	67	69	70	67	68	65	65	67	68	68	68			68	67	66	66	65	66		66.9
WAIALUA 847	MAX	78	80	83	81	73	73	73	72	72	76	75	81	80	82	81	77	78	80	85	82	82	82	83	83	82	79	77	81	82	82		79.2
	MIN	61	62	61	62	65	60	59	54	54	64	61	60	62	64	62	60	65	61	61	62	62	66	62	64	61	66	67	67	66	62		62.1
WAIKIKI 717.2	MAX	84	84	84	83	76	76	77	80	81	82	81	83	84	84	83	80	82	83	85	82	84	84	83	83	83	82	82	83	83	83		82.1
	MIN	74	74	64	61	58	61	55	62	64	69	69	67	69	68	69	71	67	66	65	65	69	70	70	69	70	68	70	69	69	67		67.0
WAIMANALO EXP FARM	MAX	79	80	81	81	81	78	78	77	78	77	75	79	79	81	82	77	79	79	82	82	80	80	82	82	82	70	77	80	81	81		79.3
	MIN	70	70	68	64	62	64	57	64	66	67	68	69	70	70	68	67	65	68	64	64	69	70	71	69	69	68	67	65	70	69		67.1
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	78	79	79	79	76	73	74	72	76	73	75	80	78	80	80	77	76	80	81	80	81	80	80	80	80	77	78	75	80	79		77.9
	MIN	68	69	65	62	62	59	60	62	65	66	67	66	68	68	68	68	67	64	64	60	67	68	68	66	68	67	68	62	68	67		65.6
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	75	76	73	74	68	71	72	69	73	65	69	73	74	75	71	74	76	75	74	75	71	74	79	76	79	75	76	71	73	76		73.4
	MIN	61	62	60	57	55	54	59	60	53	60	61	62	61	62	61	62	64	63	64	57	61	62	62	63	64	62	63	57	58	60		60.3
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	61	64	63	60	59	60	61	62	68	59	57	60	57	58	70	68	56	61	62	54	56	61	67	69	69	63	61	66	60	55		61.6
	MIN	48	48	40	40	32	35	42	41	37	47	39	38	37	41	53	43	42	45	37	36	42	37	45	42	51	43	45	39	34	35		41.1
HALEAKALA SUMMIT 338.4	MAX	49	49	52	52	50	50	51	60	61	60	56	58	58	62	56	50	50	46	44	54	50	56	54	59	59	54	54	55	60	61		54.3
	MIN	37	36	36	36	36	37	38	44	42	38	42	37	41	46	40	33	32	34	38	36	34	34	38	34	48	42	42	42	42	42		38.6
HANA AIRPORT 355	MAX		81	81	81	71	74			80	75		84	80						81				82	83	82	81	81			82		
	MIN		67	65	61	60	59			58	66		68	70						68				65	66	67	66	66			65		
KAANAPALI AIRPORT	MAX	81	81	82	79	74	75	78	76	79	80	80	82	80	80	82	81	79	81	83	79	82	82	82	82	81	80	80	77	82	81		80.0
	MIN	67	66	65	59	61	59	62	64	64	66	63	65	65	69	70	70	64	65	66	64	65	65	64	70	64	65	64	67	67	64		65.0
KAHULUI WSO 398 AP	MAX	85	85	83	76	76	77	78	79	79	81	83	82	84	83	82	81	82	85	84	84	85	83	84	83	81	81	80	83	83	83		81.8
	MIN	62	66	62	65	66	62	57	60	63	64	67	61	68	69	64	68	68	60	61	60	61	68	64	68	68	68	68	65	65	67		64.5
KAILUA 446	MAX	73	74	75	75	68	68	70	73	73	69	73	73	74	74	74	73	70	73	70	76	75	75	75	75	74	74	73	73	73	74		73.0
	MIN	64	64	64	68	58	59	59	59	59	64	63	63	64	63	63	64	61	65	66	64	65	65	65	64	64	63	62	62	62	62		62.9
KEAWAKAPU BEACH 260.2	MAX	87	85	89	82	79	80	82	82	84	80	86	86	86	87	85	88	86	86	86	84	85	85	86	86	87	86	87	87	86	86		85.0
	MIN	62	61	61	63	63	62	59	63	59	63	60	61	65	60	63	61	62	60	62	62	63	63	65	61	61	62	63	60	60	59		61.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
KULA SANATORIUM 267	MAX	72	70	70	69	62	68	68	70	68	69	68	70	70	72	72	71	71	73	74	73	74	68	74	72	72	70	68	70	72	72		70.4
	MIN	56	55	55	54	50	49	50	49	50	56	55	56	55	56	56	54	55	54	55	54	55	55	56	55	56	54	55	53	54	54		54.0
LAHAINA 361	MAX	86	84	84	77	80	80	81	83	84	84	85	84	86	85	83	86	85	87	84	85	84	86	86	86	85	85	85	85	85	85		84.2
	MIN	61	62	63	62	59	57	56	57	61	63	60	61	64	62	64	64	65	61	62	61	62	62	64	62	61	62	62	62	61	62		61.5
WAILUK 386	MAX		79	79	78	73	74			77	74	76	79	79			79	77	79	82				82	80	78	77	79			79		
	MIN		67	68	61	60	60			59	67	66	67	69			62	66	63	62				67	68	68	67	66			66		
* * *																																	
ISLAND OF HAWAII																																	
HAINA 614	MAX	76	77	78	79	66	66	69	77	75	74	76	77	73	77	77	75	76	77	74	79	79	77	76	78	78	77	78	75	78	77		75.8
	MIN	66	67	61	62	60	61	60	63	62	65	65	65	67	65	67	65	65	65	67	60	64	67	67	65	66	65	63	64	65	64		64.3
HAWAII VOLCNS NP HQ 54	MAX	68	64	67	68	61	55	59	65	63	69	62	66	65	62	65	62	65	62	68	66	68	62	67	65	60	64	62	62	60	61		63.8
	MIN	53	52	46	56	48	51	48	49	43	55	51	52	54	51	53	55	48	48	48	50	51	52	51	52	50	49	49	49	51	51		50.5
HILO WSO 87 AP	MAX	82	81	82	76	70	75	79	79	79	79	81	80	80	82	76	80	81	83	79	82	79	82	81	81	81	80	78	81	81	79		79.6
	MIN	66	66	62	62	63	60	63	65	63	68	67	67	67	66	66	64	63	61	63	64	64	66	68	66	64	66	66	66	66	64		64.7
KAINALIU 73.2	MAX	75	73	74	76	73	72	77	75	75	76	79	77	76	79	77	78	78	77	78	77	75	77	77	77	77	73	74	76	75	74		75.9
	MIN	60	62	60	58	58	58	54	57	62	64	61	59	59	60	61	62	59	57	56	59	58	62	61	61	63	58	60	59	59	58		59.5
KAMUELA 192.2	MAX	73	74	74	74	72	74	72	75	74	74	73	75	74	75	67	67	70	73	75	70	73	75	74	72	70	72	72	74	72	73		72.7
	MIN	57	54	57	55	53	56	52	50	53	54	56	50	53	57	57	55	57	54	46	49	57	55	56	56	55	54	55	58	55	55		54.4
KEAAU 92	MAX	78	79	78	79	72	69	76	78	77	77	77	79	78	78	79	75	76	77	79	78	79	77	79	78	77	77	77	77	78	77		77.2
	MIN	64	64	60	60	60	60	61	63	62	63	64	64	65	64	64	63	61	60	61	63	63	60	65	64	63	63	63	63	62	62		62.5
KEALAKEKUA 26.2	MAX	82	84	80	80	78	79		84	84	86	86	86	88	86	87	86	86	86	85				86	86	80	82			86	86		84.1
	MIN	59	60	60	58	57	57		55	61	62	59	59	58	60	60	61	60	60	58				60	61	66	58			58	59		59.4
KOHALA MISSION 175.1	MAX	76	78	78	79	68	73	73	77	75	75	75	76	76	75	76	72	76	77	79	78	78	77	77	76	76	77	76	75	77	74		75.8
	MIN	66	66	62	63	61	61	59	58	60	63	64	64	65	66	65	65	66	62	60	63	63	65	62	65	65	65	65	64	67	64		63.5
KONA (KAILUA) 68.3	MAX		80	81	83	80	77	79	78	80	82	85	81	82	81	81	84	81	81	81	83	80	79	81	82	80	79	78	80	82	83		80.8
	MIN		68	70	64	65	66	63	68	62	70	70	68	67	68	68	68	69	68	69	68	66	69	66	68	70	67	65	66	65	65		67.1
KULANI CAMP 79	MAX		63	60	50	64	58	60	60		63	62	60	59	59	60	60	60	57	60	61	58	59	62	62	60	60	58	58	58	51		59.4
	MIN		49	38	41	42	42	39	42		44	48	46	51	48	49	45	44	40	40	45	48	48	48	48	44	45	45	44	48	43		44.8
MAUNA LOA SLOPE OBS	MAX	49	53	47	52	55	58	57	55	54	54	55	56	56	54	54	51	52	54	51	51	54	60	56	56	54	54	57	54	56	55		54.1
	MIN	31	32	29	32	36	40	40	35	35	34	40	37	37	38	36	33	36	37	35	37	33	39	38	38	36	37	35	38	37	38		36.0
MOUNTAIN VIEW 91	MAX	73	73	74	74	64	64	75	75	75	72	68	75	70	74	74	74	70	71	77	75	75	75	75	72	71	71	72	73	73	73		72.6
	MIN	60	60	55	57	55	55	54	54	54	57	60	60	62	58	58	58	57	55	55	58	58	58	58	60	58	58	58	56	56	56		57.3
NAALEHU 14	MAX		78	76	78	78	75		77	79	79	78	77	75			77	75	79	78			78	78	78	77	77	78			78		77.4
	MIN		64	63	66	62	60		67	64	64	65	66	64			65	63	60	65			64	67	66	64	66	58			63		63.9
OOKALA 223	MAX	76	78	77	77	67	70	71	75	75	75	76	77	77	75	76	75	77	76	78	79	78	80	79	79	77	78	77	76	77	77		76.2
	MIN	66	67	63	62	61	59	61	61	63	63	65	65	65	65	65	64	63	64	66	65	66	68	66	65	65	65	63	63	67	65		64.2
OPIHIHALE 2 24.1	MAX	78	74	78	73	75	76	76	72	77	76	79	76	78	73	78	73	75	80	79	75	76	77	75	75	72	77	74	72	75	72		75.5
	MIN	60	60	58	57	52	53	55	57	58	55	57	57	51	60	58	59	58	56	57	56	57	59	59	60	58	60	59	59	57	58		57.3
PAHALA 21	MAX		79	76	78	76	70			80	79	75	81	77			79	82	78	79				80	79	79	79	81			72		
	MIN		63	59	61	62	62			58	61	61	63	64			62	63	58	62				61	61	60	62	60			58		
PUAKO 95.1	MAX	83	81	84	83	81	77	78	82	85	84	81	85	80	82	85	85	84	82	82	82	84	81	83	82	85	83	84	85	83	82		82.6
	MIN	70	68	67	66	67	65	60	64	65	71	70	63	67	67	69	69	65	64	64	64	67	71	70	70	68	66	69	67	65	64		66.7
UPOLU POINT USCG 159.2	MAX	78	80	80	81	77	72	78	79	78	76	78		79	79	79	76	78	79	82	82	80	80	81	79	80	80	79	78	81	79		78.9
	MIN	68	67	65	66	65	65	65	67	64	67	65		66	67	68	67	68	65	60	64	67	68	69	67	67	67	65	66	65	64		66.0
	MAX																																
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * *																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND	MAX	91	91	91	91	92	89	89	90	91	93	93	93	91	93	94	90	93	89	92	91	91	92	93	93	92	92	93	92	93	91		91.6
	MIN	79	78	79	79	80	81	79	78	78	78	75	79	79	80	81	78	79	75	74	74	79	79	79	80	81	79	80	79	78	77		78.5
JOHNSTON WSO AP	MAX	80	80	81	78	79	79	78	76	78	79	79	80	79	79	79	79	81	80	82	80	80	79	80	79	81	81	81	81	79	80		79.6
	MIN	75	75	75	72	69	68	68	69	69	74	75	75	74	75	74	75	75	75	75	75	76	76	74	76	76	75	75	75	73	75		73.8
LEONE	MAX	92	90	91	93	92	89	90	90	91	90	90	90	91	90	91	91	91	90	92	90	90	90		90	86	87	88	90	89	91		90.2
	MIN	77	75	75	73	74	76	75	76	74	74	74	73	74	74	75	76	80	76	75	73	75			73	73	76	73	74	75	75		74.8
FRENCH FRIGATE SHOALS	MAX	79	81	83	74	70	73	75	74	76	80	81	84	79	82	79	81	81	81		82		82	84	83	80	80	79	79		83		79.4
	MIN	68	67	67	63	64	64	65	66	65	65	65	67	68	70	68	72	66	72		69		64	69	68	69	70	64	66		68		67.0
MIDWAY SAND ISLAND	MAX	78	78	73	75	77	75	75	75	73	75	78	79	79	79	79	78	73	69	73	74	73	74	73	77	77	81	78	73	73	72		75.5
	MIN	69	66	65	64	64	65	65	65	61	65	67	69	67	67	71	68	63	61	61	63	63	63	63	67	68	68	67	64	63	63		65.2
PAGO PAGO WSO AP	MAX	89	88	88	89	90	88	89	88	88	88	88	89	89	89	90	89	90	88	88	87	88	89	89	88	86	87	85	89	87	88		88.3
	MIN	76	76	75	76	74	76	76	77	74	75	76	74	75	81	79	81	82	75	74	73	74	77	79	76	74	74	77	76	76	75		76.1
SWAINS ISLAND	MAX	88	87	89	90	86	90	85	86	88	89	88	89	91	89	90	85	90	90	90	89	91	88	84	88	81	88	89	85	90	90		88.1
	MIN	71	71	72	72	69	72	69	69	70	71	70	72	73	71	72	68	72	72	71	71	72	71	68	71	66	71	72	69	72	72		70.7
* * *																																
WESTERN PACIFIC ISL, NORTH OF 12 N																																
ANDERSEN AFB GUAM	MAX	83	84	83	82	84	83	83	84	84	83	83	83	82	84	83	84	84	83	85	84	85	83	81	83	84	83	83	84	84	84		83.4
	MIN	76	77	77	75	76	76	76	76	77	77	77	76	77	76	77	77	77	77	77	75	77	76	74	75	77	76	76	77	76	75		76.3
CLARK AFB LUZON	MAX	95	95	95	95	93	91	93	93	95	95	95	93	93	93	95	95	97	95	91	93	97	95	97	97	97	97	97	97	97	97		94.9
	MIN	77	75	73	73	75	75	73	73	75	75	75	77	73	75	77	77	75	73	77	75	75	75	75	79	79	77	77	77	79	79		75.7
GUAM NAS	MAX	87	86	89	83	85	86	87	85	85	85	87	86	84	86	85	84	85	85	85	86	87	87	85	85	86	85	86	86	85	86		85.6
	MIN	74	77	76	75	77	77	77	76	78	78	76	77	77	77	77	77	78	77	78	76	78	79	76	77	75	77	77	77	77	78		76.9
GUAM WSO	MAX	86	87	87	83	86	87	85	86	86	86	87	86	85	87	87	87	87	85	86	87	87	86	84	87	87	86	87	86	87	86		86.2
	MIN	75	76	77	72	74	74	73	74	72	75	72	73	72	75	73	73	72	75	72	72	72	72	71	71	71	71	72	71	73	72		72.9
SAIPAN USCG LORAN	MAX	88	88	87	88	88	89	88	88		90	90	88	87	89	88	88	88	88	89	89	89	88	87	89	88	89	89	88	89	88		88.3
	MIN	74	76	78	76	76	76	78	76		72	75	74	74	71	76	75	76	75	70	69	74	76	76	76	76	76	76	78	78	76		75.1
WAKE WSO AP	MAX	84	86	86	85	85	85	87	85	83	84	85	83	83	84	84	85	84	85	84	84	84	85	85	83	84	84	84	84	84	85		84.4
	MIN	74	72	74	73	72	73	70	71	74	74	74	69	71	70	74	72	74	74	73	72	74	73	74	71	69	70	70	73	74	73		72.4
* * *																																
CAROLINE AND MARSHALL ISLANDS																																
ENIWETOK	MAX	86	85	87	86	87	85	86	86	86	86	87	85	86	87	87	86	87	87	87	86	87	86	86	86	87	86	87	87	87	87		86.4
	MIN	70	75	73	75	75	74	75	75	76	76	75	75	76	74	76	78	76	75	74	76	73	75	77	77	76	77	76	76	77	75		75.3
FALALOP I, ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	89	89	90	89	84	88	88	88	88	88	81	90	89	88	86	89	89	88	88	87	88	88	86	88	90	89	89	88	89	89		88.0
	MIN	76	77	75	76	75	75	78	74	77	77	74	77	79	78	76	76	76	76	76	78	77	76	77	76	77	76	77	78	77	77		76.5
KWAJALEIN WSO AP	MAX	89	89	87	88	89	88	88	88	88	87	88	89	87	87	87	87	86	87	87	87	87	87	88	89	88	89	87	88	88	88		87.7
	MIN	79	79	77	80	74	77	79	79	79	76	80	77	74	74	76	79	74	78	78	79	79	78	79	77	79	75	77	79	79	78		77.6
LELE I. KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	87	87	88	82	85	86	86	86	86	86	87	86	83	87	86	86	86	83	85	85	85	86	86	83	82	85	85	83	87	85		85.3
	MIN	80	79	80	73	78	77	76	78	80	77	77	76	75	76	78	80	78	74	77	75	78	80	76	74	76	79	78	75	79	79		77.3
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	89	88	89	87	90	82	87	85	81	87	86	83	86	80	88	88	82	86	86	83	86	86	88	86	86	85	85	87	85	88		85.8
	MIN	75	80	79	77	75	75	75	75	75	78	78	75	73	74	78	76	73	75	76	76	79	80	79	78	76	74	72	76	75	78		76.2
TRUK, MOEN I, WSO AP	MAX	87	89	86	87	86	87	86	86	83	85	86	86	85	86	86	87	87	86	85	85	82	86	87	87	86	86	85	86	86	88		86.0
	MIN	80	77	76	79	78	78	78	74	77	76	79	76	79	76	77	79	77	74	79	74	74	80	80	80	80	75	78	78	78	81		77.6
WOLEAI ATOLL	MAX	90	89	90	89	90	90	89	90	89	90	89	89	87	90	88	90	90	89	87	89	88	89	89	89	90	91	90	89	89	90		89.3
	MIN	76	75	71	75	74	76	75	75	77	75	76	74	75	74	73	75	74	73	72	77	72	73	77	73	72	76	73	77	77	75		74.6
YAP WSO AP	MAX	89	88	87	89	88	89	89	90	89	88	89	90	90	90	90	87	85	82	87	88	87	87	88	88	88	88	88	86	88	88		88.0
	MIN	76	78	76	78	78	78	78	77	76	79	79	77	78	75	76	75	75	78	75	77	77	77	79	80	79	76	79	73	79	77		77.1
	MAX																																
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	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	29	E	21	-	71	70	83	1	13	6	0	0	0	20	62	-
HILO, HAWAII, WSO AP	16	0.3	7.0	18	E	14	92	87	70	86	3	11	12	2	0	1	29	44	8.3
HONOLULU, OAHU, WSO AP	5	11.5	13.6	32	NE	16	71	66	53	66	13	7	2	0	0	0	22	51	6.8
JOHNSTON ISLAND WSO AP	7	18.7	19.4	34	NE	04	78	79	73	77	11	7	1	1	0	0	20	69	6.0
KAHULUI, MAUI, WSO AP	5	12.3	14.3	33	E	17	75	68	50	67	5	9	1	0	0	0	15	70	5.6
KOROR WSO AP	-	-	-	26	E	19	87	-	80	76	3	7	8	8	0	1	27	60	9.0
KWAJALEIN WSO AP	6	16.7	16.9	32++	8	13	80	80	70	77	2	14	4	1	2	0	23	-	8.7
LIHUE, KAUAI, WSO AP	5	11.6	13.1	25	NE	26+	84	79	65	79	9	10	5	0	0	0	24	52	7.1
MAJURO WSO AP	-	-	-	32	E	06	82	84	77	79	5	8	7	2	3	1	26	63	8.4
PAGO PAGO WSO AP	9	5.2	8.3	29	NW	28	89	87	74	84	3	6	10	3	1	1	24	38	8.5
PONAPE WSO AP	-	-	-	26	NE	07	83	-	79	79	4	7	6	2	4	6	29	61	9.3
TRUK, MOEN I, WSO AP	-	-	-	21	E	30	84	-	77	79	6	7	9	0	4	0	26	53	9.3
WAKE WSO AP	7	19.4	19.7	31	E	05	79	81	62	68	5	15	2	0	0	0	22	83	4.3
YAP WSO AP	-	-	-	23	NE	18	82	-	75	70	6	6	5	2	2	0	21	71	7.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.27	.39	.30	.35	.24	.20	.15	.29	.27	.24	.18	.38	.22	.40	.31	.40	.47	.29	.29	.21	.34	.33	.37	.39	.42	.45	.28	.45	.35	.50		9.73
	WIND	175	184	130	124	86	62	68	140	205	180	223	152	173	191	247	283	320	250	101	110	211	171	201	225	239	255	285	268	220	191		5070
	MAX	87	87	87	85	72	78	79	81	79	82	76	87	84	87	84	80	82	83	88	86	87	88	87	87	85	84	80	82	84	84		83.4
	MIN	66	66	66	57	56	56	64	60	62	63	65	65	65	66	66	66	65	66	63	63	67	67	67	67	66	65	63	64	66	64		64.1
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.24	.25	.23	.27	.30	.26	.15	.30	.20	.30	.20	.30	.22	.32	.33	.30	.25	.30	.30	.30	.07	.10	.27	.25	.33	.30	.22	.33	.30	.30		7.79
	WIND	22	17	16	31	45	30	15	29	20	14	15	25	16	24	32	41	44	28	27	21	3	6	9	14	19	26	15	35	20	16		675
	MAX	86	-	-	86	84	79	77	86	86	90	85	93	90	93	90	86	89	91	93	85	85	85	92	89	92	90	85	90	90	89		87.7
	MIN	63	-	-	60	61	60	62	61	62	67	65	66	66	67	66	65	64	65	66	66	65	66	68	67	66	66	66	65	65	65		64.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.39	.40	.41	.35	.47	.39	.26	.25	.48	.35	.39	.38	.35	.39	.31	.37	.44	.34	.37	.36	.36	.32	.39	.40	.45	.40	.43	.33	.25	.35		11.13
	WIND	70	84	77	88	87	61	53	54	63	40	-	-	239	259	304	268	247	187	170	184	196	227	206	222	297	289	258	200	167	147		5083B
	MAX	87	86	86	86	83	85	86	85	83	89	87	89	86	87	86	88	90	89	91	91	90	88	91	88	87	88	89	90	-	85		87.4
	MIN	71	71	71	70	65	65	66	68	69	70	71	72	71	71	71	70	70	70	71	71	71	70	70	72	70	71	71	71	71	71		70.1
* * * WESTERN PACIFIC IS., NORTH OF 12 N																																	
GUAM WSO	EVAP	.22	.25	.34	.24	.23	.29	.28	.21	.26	.31	.33	.26	.28	.30	.28	.32	.33	.28	.35	.25	.40	.31	.19	.27	.29	.22	.30	.31	.29	.27		8.46
	WIND	128	167	161	165	162	179	173	183	192	169	129	173	178	164	177	178	203	166	189	184	217	196	174	187	191	155	163	183	154	116		5136
	MAX	89	89	90	89	89	90	87	88	89	88	89	88	89	89	88	88	87	86	88	89	88	87	87	91	90	88	90	90	91	91		88.7
	MIN	72	73	72	73	72	72	72	73	73	71	72	72	72	70	71	70	72	72	73	72	73	70	70	72	72	70	71	72	72	71		71.7

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		6A		C	METCALF FARMS HI, INC
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAHIAWA MOUNTAIN 990	A	8949	02	KOLOA	2	21 58	159 31	2100		MO			CLOSED 3/31/73
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20		5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25	8A	8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775	A	6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 03	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4		0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 43	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		DC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	188[illegible]	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830		7A		C	KAHUA RANCH
CLOSED STATIONS ISLAND OF KAUAI												
WAHIAWA MOUNTAIN 990 A	8949	02	KOLOA	2	21 58	159 31	2100		MO			CLOSED 3/31/73

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P		J	USAF UL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
¤ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
¤CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4370	01	MARSHALL IS		8 44N	167 44E	5	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

USCOMM-NOAA-ASHEVILLE, N.C. 7/30/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- \-- Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌶ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

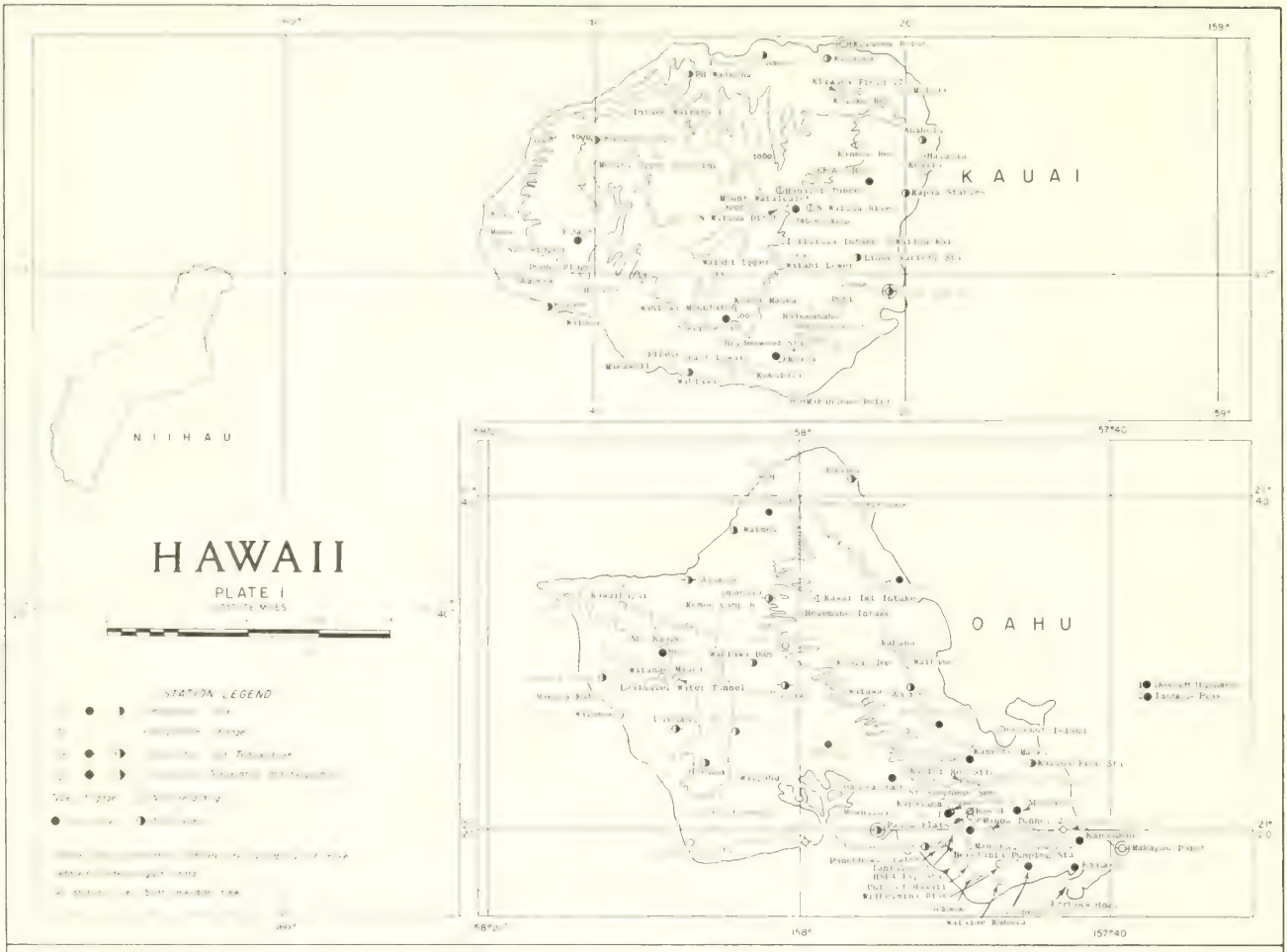
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

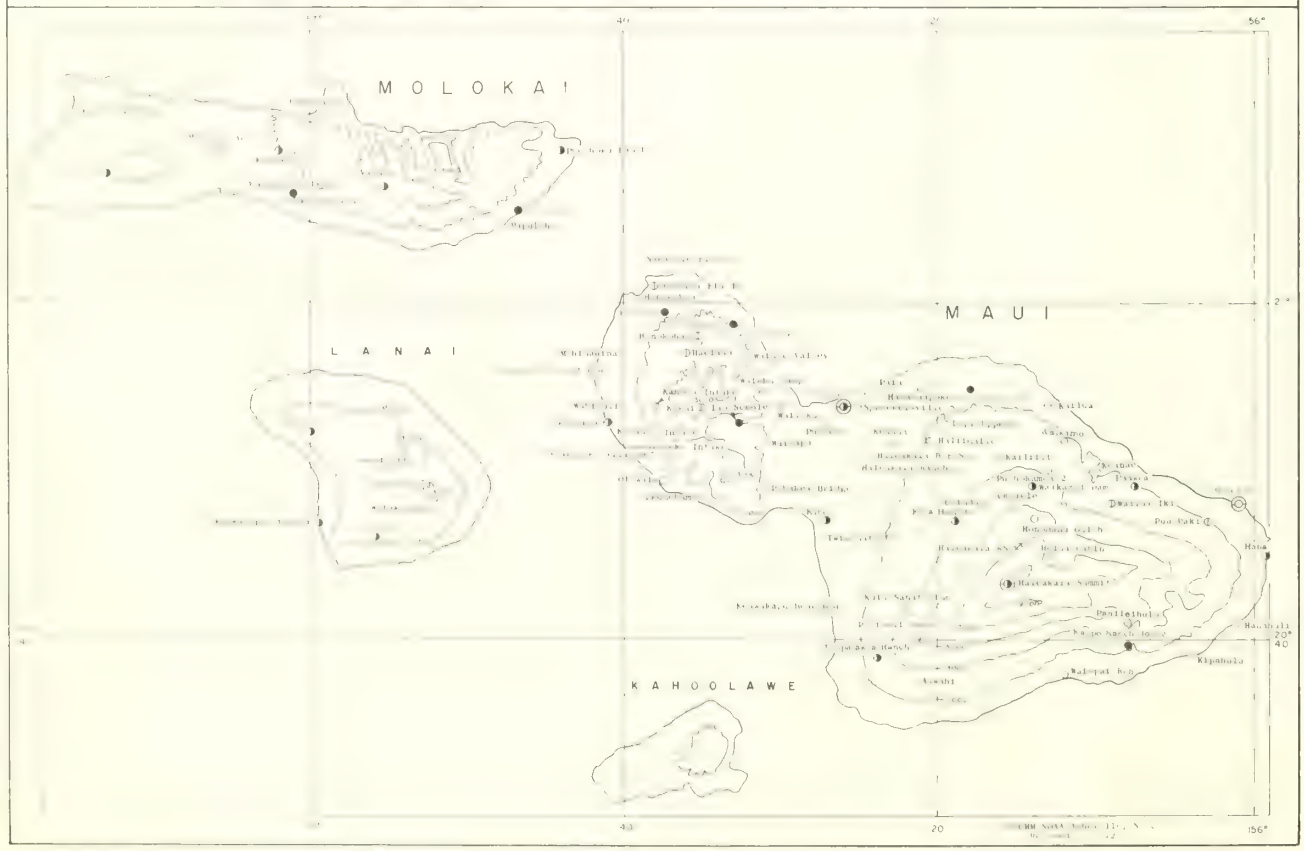
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

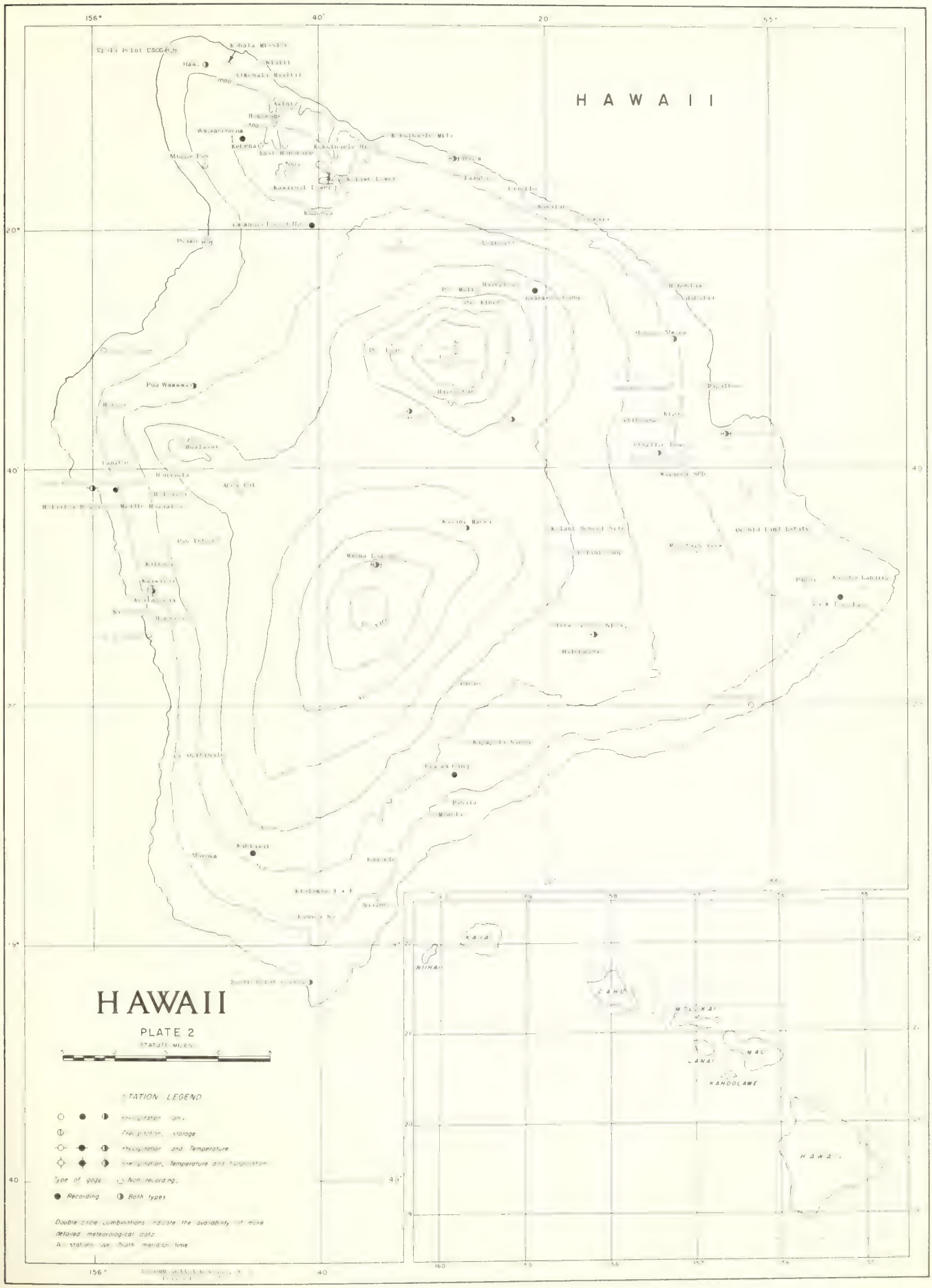
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

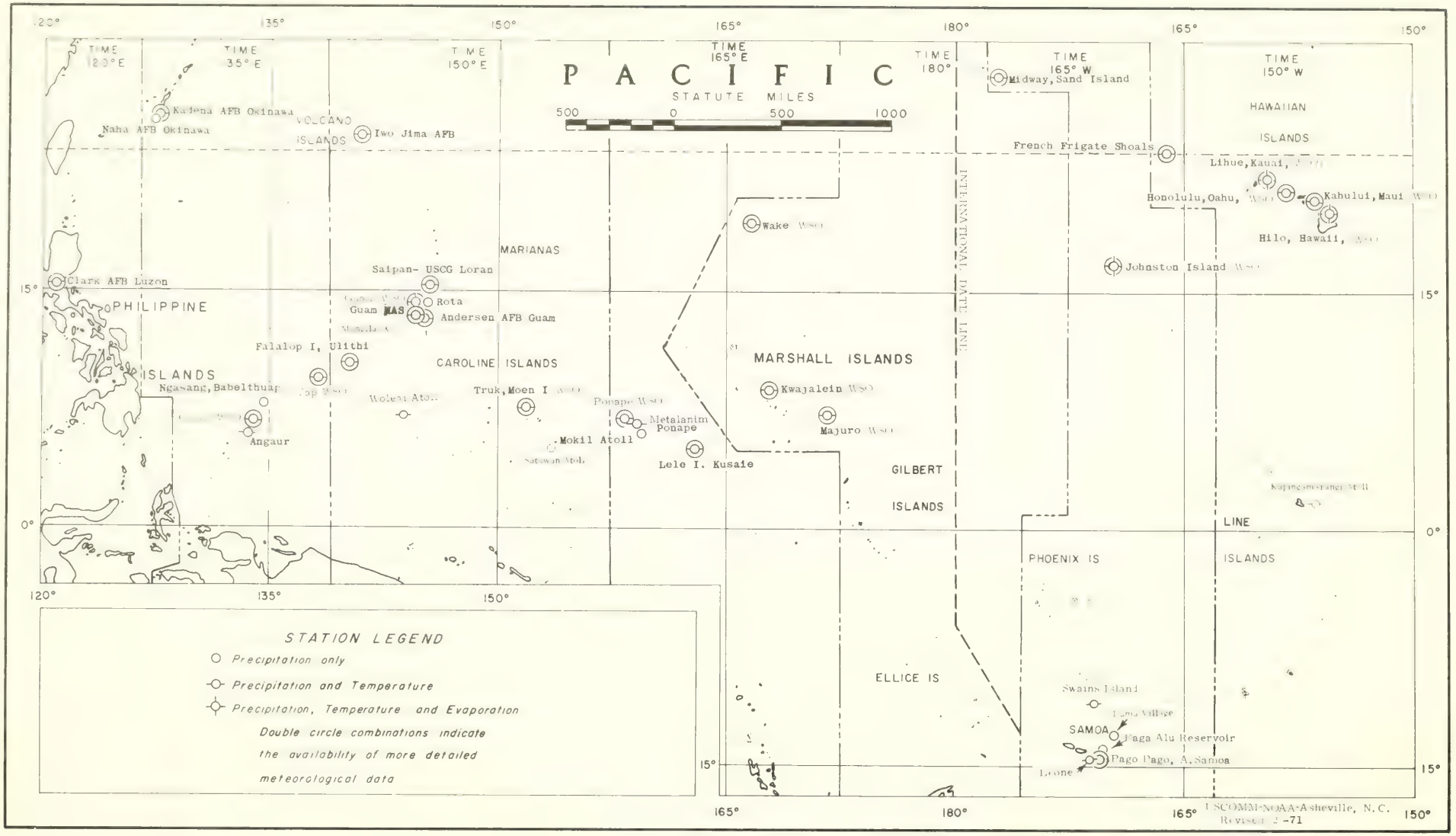
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

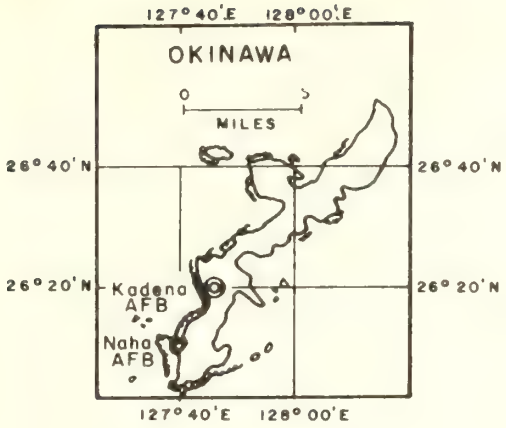

KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATION LEGEND
159°
58°
57°40
21°40
21°20
158°
157°40

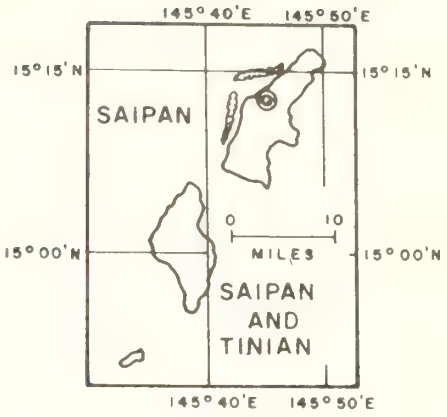

MOLOKAI
LANAI
MAUI
KAHOOLAWE
156°
20°40
20°20
20

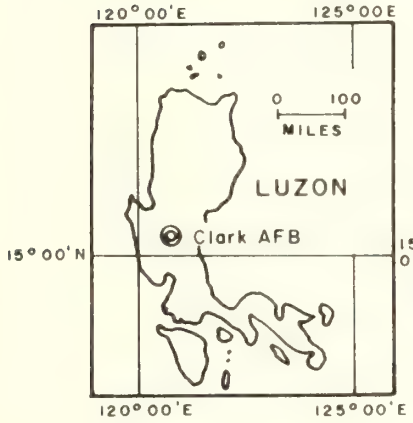

HAWAII
HAWAII
PLATE 2
STATION LEGEND
Double circle combinations indicate the availability of more detailed meteorological data
All stations use North meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
KAHOOLAWE
MAUI
HAWAII

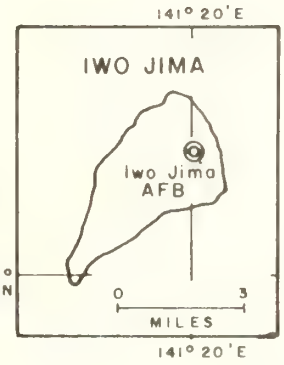


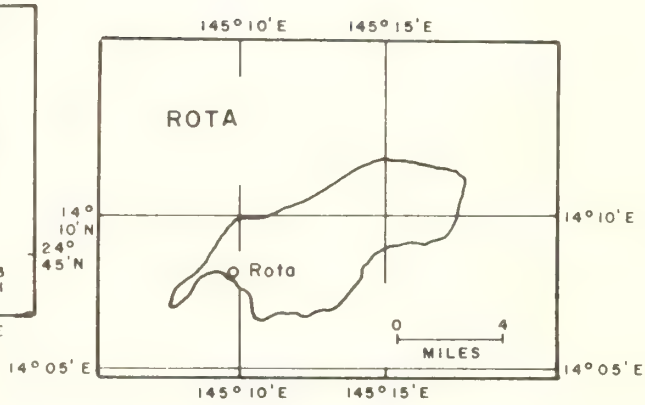
USCOMM-NOAA-Asheville, N.C.
Revised 2-71

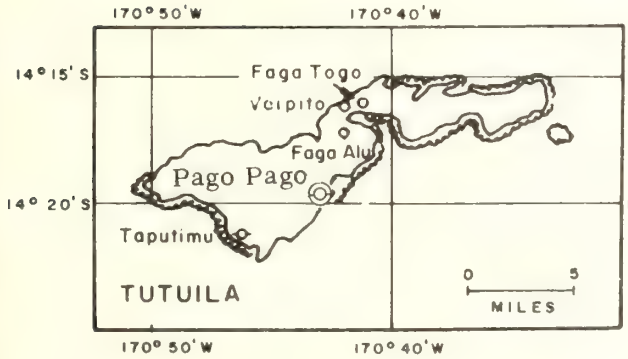

127°40'E
128°00'E
OKINAWA
0
5
MILES
26°40'N
26°20'N
Kadena AFB
Naha AFB
127°40'E
128°00'E

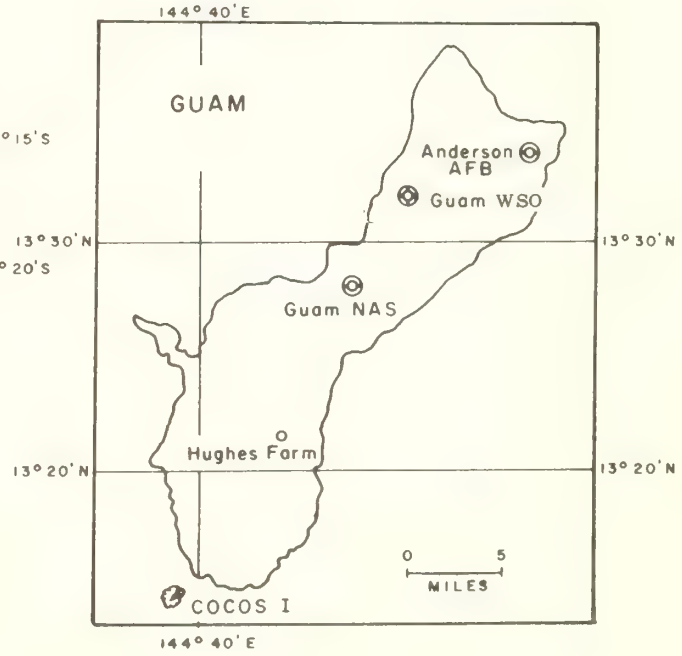

145°40'E
145°50'E
15°15'N
SAIPAN
0
10
MILES
15°00'N
SAIPAN
AND
TINIAN


120°00'E
125°00E
0
100
MILES
LUZON
Clark AFB
15°00'N
120°00'E
125°00'E

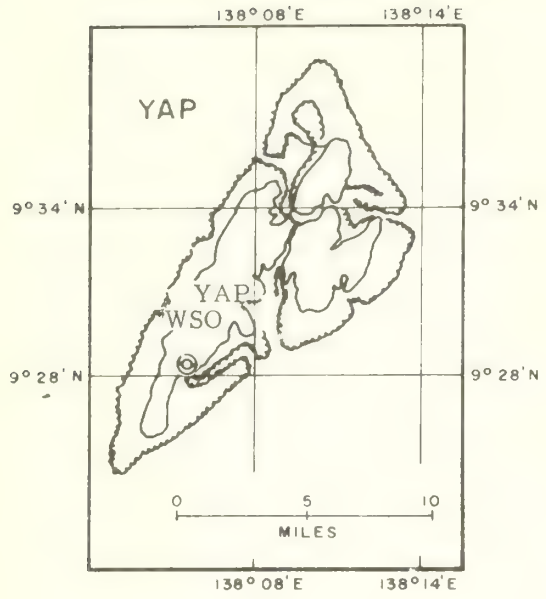

141°20'E
IWO JIMA
Iwo Jima AFB
0
3
MILES
24°45'N
141°20'E

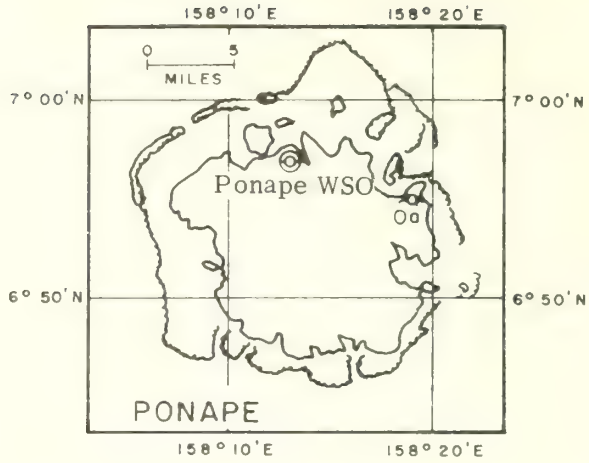

145°10'E
145°15'E
ROTA
Rota
0
4
MILES
14°10'N
14°05'E
145°10'E
145°15'E

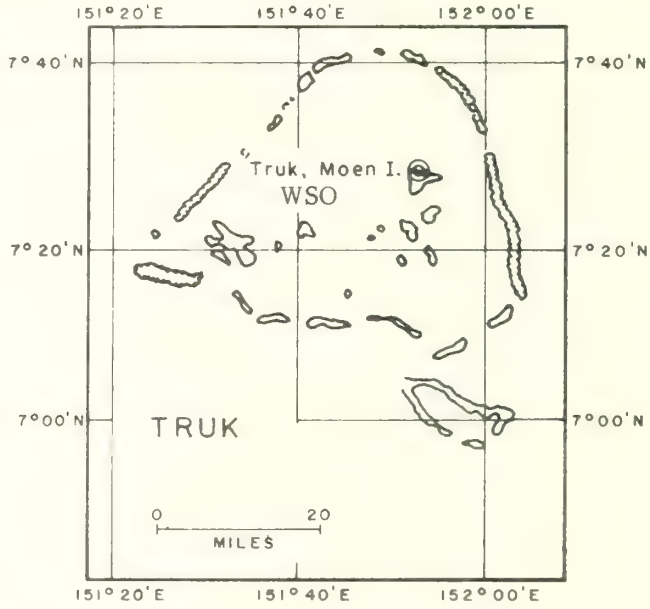

170°50'W
170°40'W
14°15'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
14°20'S
Taputimu
TUTUILA
0
5
MILES

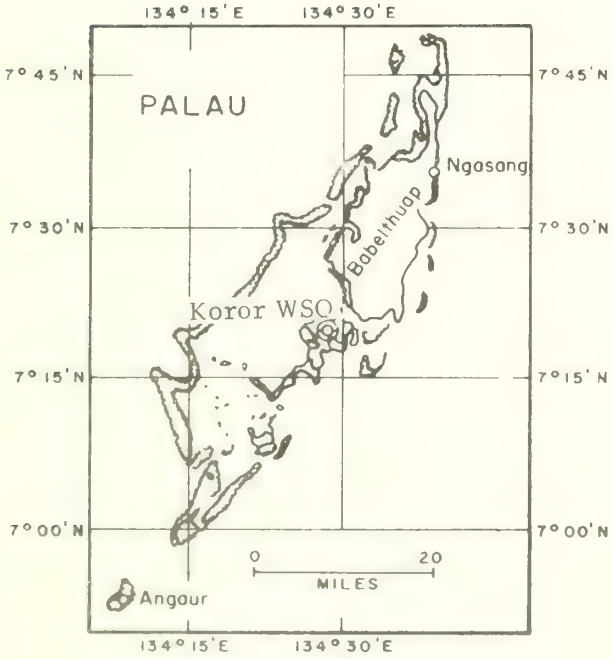

144°40'E
GUAM
Anderson AFB
Guam WSO
13°30'N
Guam NAS
Hughes Farm
13°20'N
COCOS I
0
5
MILES
144°40'E

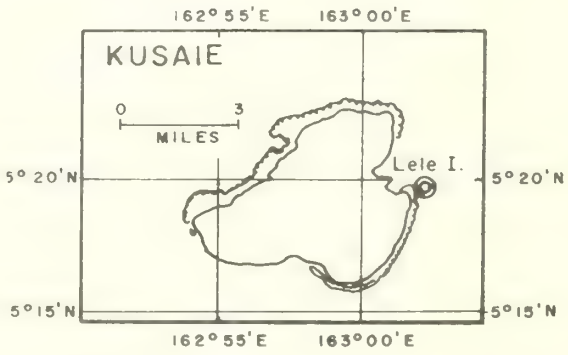
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
YAP
WSO
9° 28' N
0
5
10
MILES

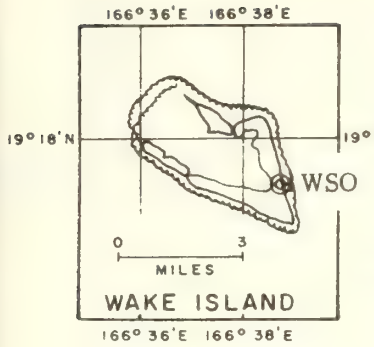

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
Ponape WSO
Oa
6° 50' N
PONAPE

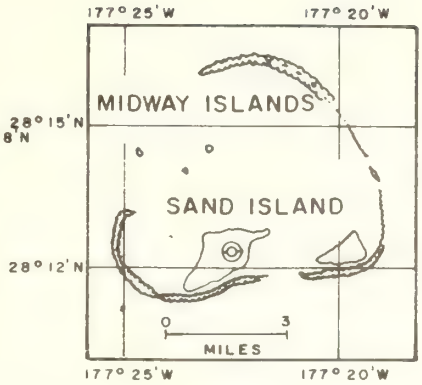

151° 20' E
151° 40' E
152° 00' E
7° 40' N
Truk, Moen I.
WSO
7° 20' N
7° 00' N
TRUK
0
20
MILES

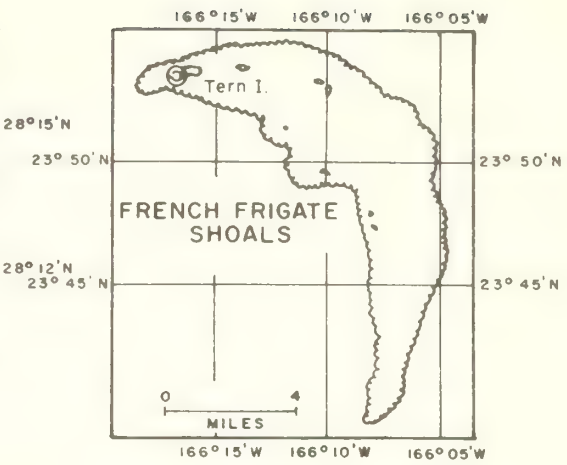

134° 15' E
134° 30' E
7° 45' N
PALAU
Ngasang
7° 30' N
Babelthuap
Koror WSO
7° 15' N
7° 00' N
0
20
MILES
Angaur

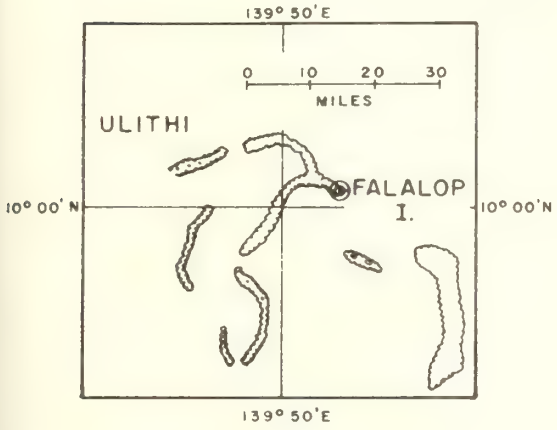

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
Lele I.
5° 20' N
5° 15' N

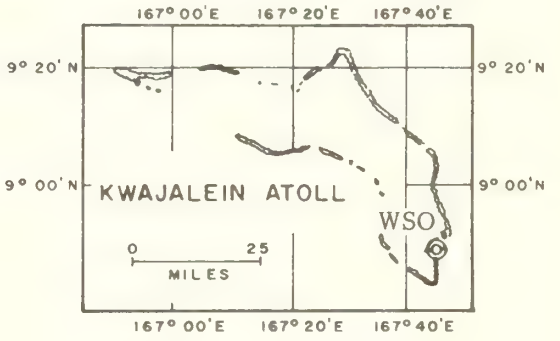
— Reef

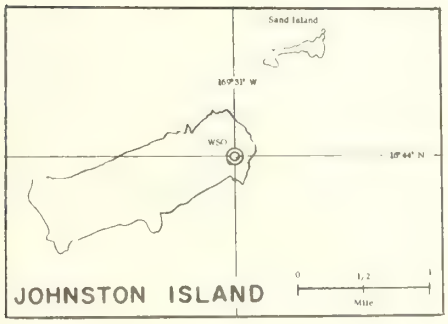

166° 36'E
166° 38'E
19° 18'N
WSO
0
3
MILES
WAKE ISLAND

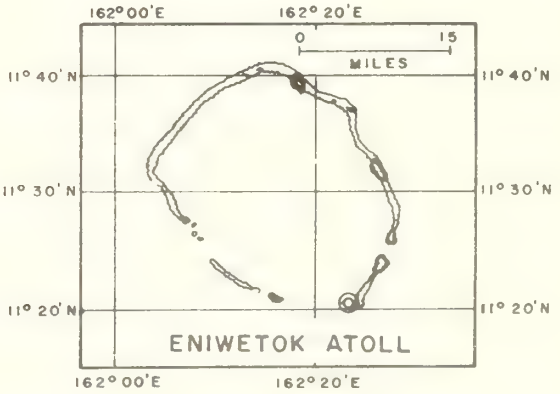

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

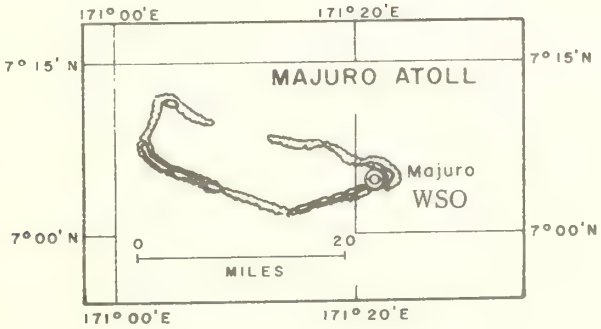

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0
25
MILES


Sand Island
WSO
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0
20
MILES

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HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
90° ON THE 18+ AT KEAWAKAPU BEACH 260.2, MAUI

LOWEST TEMPERATURE:
31° ON THE 23D AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
34.60 INCHES AT MOUNT WAIALEALE 1047, KAUAI

LEAST TOTAL PRECIPITATION:
.00 AT WAIOPAI RANCH 256, MAUI

GREATEST ONE DAY PRECIPITATION:
5.45 INCHES ON THE 18TH AT WAIKAMOI DAM 336, MAUI

MAY
1973
UME 69
No. 5
ville, N.C.

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TECH. & AGR. DIV.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature: Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days: Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Precipitation: Total	Departure From Normal	Greatest Day	Date	Snow Sleet: Total	Max. Depth on Ground	Date	No. of Days: .10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														2.18	- .77			.0	0		0	0
KANALOHULUHULU 1075		67.5	51.9	59.7		74	31	45	28		0	0	0	0	3.25		.57	21	.0	0		11	1	0
KAPAA STABLES 1104	A														3.29		.60	23	.0	0				0
KILAUEA 1135	A																		.0	0				
KILAUEA POINT 1133		78.2	65.8	72.0		87	13	61	17+		0	0	0	0	2.91		.56	6	.0	0		10	2	0
KOKEE 940	A														6.82	2.47			.0	0				
LIHUE WSO AP 1032	R	81.3	69.2	75.3	.8	84	29	63	15+		0	0	0	0	1.87	- .72	.40	11	.0	0		7	0	0
MANA 1084		83.6	63.9	73.8	- .9	87	6	61	23+		0	0	0	0	.45	- .45	.35	11	.0	0		2	0	0
N WAIMEA DITCH 1051	A														17.46				.0	0				
PH WAINIHA 11.5															12.86	3.70	1.73		.0	0		21	11	2
PARK RIDGE 1040															2.04		1.09	11	.0	0		3	2	1
WAHIAWA 932	A														1.34	- .16			.0	0			0	0
WAIAMI LOWER 1054		77.6	62.5	70.1		80	28	55	14		0	0	0	0	9.76		.82	21	.0	0		25	6	0
WAIMEA 947															.32	- .53	.20	12	.0	0		2	0	0
ISLAND				70.2											4.97				.0					
* * *																								
ISLAND OF OAHU																								
HONOLULU OBSERV 702.2															.46		.14	21	.0	0		2	0	0
HONOLULU WSO 703 AP	R	84.4	69.7	77.1	1.2	87	31+	64	15		0	0	0	0	.89	- .10	.37	11	.0	0		2	0	0
KAHUKU 4.2	A																							
KANEOHE MAUKA 781		78.6	68.7	73.7	- .5	82	30	65	27+		0	0	0	0	4.41	- .14	.66	21	.0	0		15	3	0
KIPAPA DAM 833	A														17.06	10.95	2.40	20	.0	0		23	9	7
LUALUALEI 804	A	85.1	66.0	75.6		89	31+	59	28+		0	0	0	0	1.85		.50	11	.0	0		7	1	0
MAKAPUU POINT 724		76.1	67.4	71.8		82	27	64	26		0	0	0	0	1.36	.33	.53	27	.0	0		4	1	0
NUUANU RES 4 783															9.32	- .51	1.88	11	.0	0		15	7	2
OPAEULA 870	A	76.6	62.7	69.7	- .1	82	29	60	1		0	0	0	0	3.42	.14	1.00	18	.0	0				1
PALOLO VALLEY 718	R														10.46	- 1.66	1.84	11	.0	0		18	8	2
PRI WAHIAWA 820.2	A	80.3	62.5	71.4		84	14	57	15		0	0	0	0	3.62				.0	0				
WAHIAWA DAM 863	A														1.82				.0	0				0
WAIAHOLE 837	A														7.56	- 4.59	1.63	25	.0	0		13	5	3
WAIALEE 896.3		81.5M	67.7M	74.6M		84	29+	65	21+		0	0	0	0	1.49		.32	25	.0	0		6	0	0
WAIALUA 847	A	81.9	63.9	72.9	- .5	87	27	59	15		0	0	0	0	.48	- .62	.13	18	.0	0		1	0	0
WAIKIKI 717.2		83.3	68.5	75.9		85	29	64	28+		0	0	0	0	1.13		.54	28	.0	0		2	1	0
WAIMANALO EXP FARM		80.5	67.5	74.0		83	31	63	15		0	0	0	0	1.76		.32	28	.0	0		6	0	0
WAIPAHU 750	A														2.89	1.69			.0	0				
ISLAND				73.7											4.12				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														2.25	.67			.0	0				
MAPULEHU 542															4.31	1.60	.78	9	.0	0		15	2	0
MAUNALOA 511	A														1.06	- .41	.64	9	.0	0			1	0
MOLOKAI AP 524		78.7	67.0	72.9		81	30+	62	27		0	0	0	0	.97		.29	9	.0	0		5	0	0
ISLAND				72.9											2.15				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	73.4M	62.5M	68.0M	- .5	75	31+	60	28+		0	0	0	0	2.44	- .23			.0	0				0
ISLAND				68.0											2.44				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														5.21	.81	2.10	18	.0	0		10	3	2
HALEAKALA RS 338		60.4	41.7	51.1		67	6	36	6		0	0	0	0	2.61		.90	29	.0	0		9	1	0
HANA AIRPORT 355		81.7M	66.7M	74.2M		83	10+	62	14		0	0	0	0	4.97		1.09	9	.0	0				1
HONOMUNA 423	A														3.17	.91			.0	0				0
KAANAPALI AIRPORT		81.3	66.4	73.9		84	31+	63	16+		0	0	0	0	.65		.21	11	.0	0		3	0	0
KAHULUI WSO 398 AP	R	81.7	64.8	73.3	- 2.0	84	28+	60	26+		0	0	0	0	.57	- .12	.20	18	.0	0		2	0	0
KAILUA 446		74.5	63.7	69.1	- 1.3	78	31+	59	14		0	0	0	0	9.79	- .13	1.33	18	.0	0		20	8	2
KEANAE 346	A														16.80	- 4.30			.0	0				
KIHAPAI 254															5.74	- 2.20	1.05	18	.0	0		17	3	1
KULA SANATORIUM 267		71.0	55.8	63.4	- .1	75	10	52	2		0	0	0	0	2.54	.44	1.58	29	.0	0		2	2	1
LAHAINA 361		85.5	62.6	74.1		88	31	60	16+		0	0	0	0	.24	- .11	.20	29	.0	0		1	0	0
PAIA 406															1.82	- .29	.44	19	.0	0		6	0	0
WAILUKU 386	A	78.7M	67.0M	72.9M	- 1.5	80	31+	63	14		0	0	0	0	1.39	.13			.0	0				0
ISLAND				69.0											4.27				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		78.2	64.6	71.4	.0	81	29	62	25		0	0	0	0	3.10	- 1.82	.73	19	.0	0		8	2	0
HAWAII VOLCNS NP HQ 54		65.3	50.9	58.1	- 2.5	69	31+	48	13+		0	0	0	0	5.54	- .53	.62	19	.0	0		18	3	0
HILO WSO 87 AP	R	80.8	65.0	72.9	- .1	83	28+	62	25		0	0	0	0	8.34	- .99	1.90	23	.0	0		19	5	1
HUEHUE 92.1	A														2.66	- 2.01			.0	0				

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation								
										No. of Days									Snow, Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
KAINALIU 73.2		76.0	60.0	68.0		79	28+	57	26		0	0	0	0	1.81	- 5.89	.31	11	.0	0		8	0	0
KEAAU 92		77.9	62.9	70.4	- 2.1	80	31	61	27+		0	0	0	0	10.33	.45	.85	29+	.0	0		26	8	0
KEALAKEKUA 26.2			M	M							0	0	0	0	*				.0	0				
KONA (KAILUA) 68.3	A	M	M	M		83	28+	61	28		0	0	0	0	1.93				.0	0				
KUKUIHAELE HIC 199															4.00	- 2.71	1.26	19	.0	0		9	2	1
KULANI CAMP 79		59.6M	46.1M	52.9M		68	29	42	3		0	0	0	0	6.03		1.40	24	.0	0			4	1
PAHALA 21	A	78.8M	61.4M	70.1M	- .9	81	28+	59	7+		0	0	0	0	2.55	.23	1.47	29	.0	0		6	1	1
POHAKULOA 107	A														*				.0	0			0	0
PUAKO 95.1	A	84.1	69.1	76.6		87	14+	64	11		0	0	0	0	.06		.06	11	.0	0		0	0	0
PUU WAAWAA 94.1	A														1.74	- .99			.0	0				0
UMIKOA 118															3.41	- 1.65	1.18	19	.0	0			2	1
WAIAKEA SCD 88.2															14.46		1.55	24	.0	0		26	13	4
ISLAND				67.6											4.13				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	R	91.4	76.7	84.1	.2	94	29+	73	21		29	0	0	0	1.32	- 3.03	1.00	21	.0	0		2	1	1
FAGA ALU RESERVOIR															7.86		2.72	27	.0	0		16	7	1
JOHNSTON WSO AP	R	80.9	74.4	77.7	- 1.5	83	27	69	30		0	0	0	0	.82	- .17	.32	20	.0	0		2	0	0
LEONE		88.3M	73.6M	81.0M		92	2	70	18			0	0	0	*		4.00	23	.0	0			4	1
FRENCH FRIGATE SHOALS		82.0M	68.6M	75.3M		86	27	65	7		0	0	0	0	.52		.09	6	.0	0		0	0	0
LUMA VILLAGE															11.57		1.81	28	.0	0		19	9	3
MIDWAY SAND ISLAND		78.9	70.3	74.6		83	23+	65	15+		0	0	0	0	.53		.20	30	.0	0		2	0	0
PAGO PAGO WSO AP	R	86.2	76.3	81.3		89	14	72	2		0	0	0	0	7.93		3.29	23	.0	0		13	4	2
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 10 N																								
ANDERSEN AFB GUAM		83.8	76.9	80.4		85	31+	75	23+		0	0	0	0	3.10		.80	29	.0	0		6	3	0
CLARK AFB LUZON		97.5	78.8	88.2		100	25+	75	16+		31	0	0	0	2.54		.95	26	.0	0		8	2	0
GUAM NAS		85.4	77.5	81.5		87	27+	76	10+		0	0	0	0	1.65		.74	10	.0	0		4	1	0
GUAM WSO	R	87.5	72.6	80.1	- .3	89	24+	68	18		0	0	0	0	3.01	- 1.18	1.15	10	.0	0		6	2	1
MANGILAO															1.83		.80	24	.0	0		5	1	0
ROTA															4.77		.50	22+	.0	0		18	2	0
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	85.9	74.3	80.1	.3	88	25+	70	11		0	0	0	0	1.99	- .05	.48	11	.0	0		6	0	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															14.28		2.06	22	.0	0		18	11	6
ENIWETOK		87.8	75.9M	81.9M	- .5	89	23+	72	9+		0	0	0	0	2.79	- 1.78	.71	31	.0	0		7	1	0
FALALOP I, ULITHI		86.2				89	27+				0	0	0	0	1.90		.33	3	.0	0		7	0	0
KAPINGAMARANGI ATO L																			.0	0				
KOROR WSO	R	88.8	76.6	82.7	1.4	91	24+	74	23+		12	0	0	0	10.16	- 4.47	1.51	23	.0	0		16	7	4
KWAJALEIN WSO AP	R	86.7	77.3	82.0	.9	88	23+	72	14		0	0	0	0	7.92	- .26	1.27	2	.0	0		14	6	1
LELE I. KUSAIE																			.0	0				
MAJURO WSO AP	R	84.5	76.6	80.6	.2	87	21	73	28		0	0	0	0	14.33	1.58	2.31	28	.0	0		22	10	5
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	87.6	75.4	81.5	1.1	90	14	72	8		1	0	0	0	16.28	- 4.03	2.43	2	.0	0		25	12	5
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I, WSO AP	R	87.3	77.1	82.2	1.4	90	17+	74	25+		2	0	0	0	8.96	- 5.16	1.58	19	.0	0		19	7	2
WOLEAI ATOLL		89.5	74.3	81.9		91	20+	70	10+		16	0	0	0	7.42		2.00	6	.0	0		18	4	1
YAP WSO AP	R	88.1	76.2	82.2	.2	90	17	73	20+		1	0	0	0	5.98	- 3.54	1.80	20	.0	0		11	3	2

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																															
* * * ISLAND OF KAUAI																															
ANAHOLA 1114	A	2.18	.06	.03	.20		*	*	.25	.65		.11	.04	*	*	.40		.08		*	*	.40	.03	.[illegible]	.15		*	*	.[illegible]			
BRYDESWOOD STA 985	A	4.61	.07	.13	.16	.18	*	*	.85	.22	.16	.22	.06	*	*	.20	.01	.08	.01	.16	*	*	1.61	.21	.[illegible]	.[illegible]	.01	*	*	.[illegible]	.[illegible]		.03
EAST LAWAI 934	A	5.89	.16	.14	.24	.32	*	*	.91	.68	.37	.30	.11	*	*	.12	.01	.01	.94	.17	*	*	1.30	.22	.[illegible]	.2	.02	*	*	.21	.07	.02	.02
ELELE 927	A	1.09		.01	.07	.13	*	*	.06	.19	.06	.04	T	*	*	.11		T		.03	*	*	.38	.[illegible]						T			
HALAULA 1110	A	2.85	.07	.02	.26		*	*	.39	.15		.27	.03	*	*	.45		.06			*	*	.33	.05	.15	.13		*	*	.49			
HALENANAHO 1006	A	7.16	.06	.22	.33	.15	*	*	1.28	.21	.19	.35	.18	*	*	.32		.16	.02	.24	*	*	1.13	.[illegible]	.8	.[illegible]		*	*	.[illegible]	.[illegible]	.11	
HUKIPO 945		.72											.97	.35																			
ILILILULA INTAKE 1050	A	14.52	.56	.32	.84	.33	*	*	1.79	.93	.50	.55	.95	*	*	1.77	.02	.16		.33	*	*	1.79	.79	.3[illegible]	.31	.49	*	*	.[illegible]	.18	.28	.06
INTAKE WAINIHA PC 1086	A	20.66	*	*	1.46	*	*	*	5.55	*	2.65	*	1.65	*	*	.94	*	*	.64	1.39	*	*	4.18	*	*	.[illegible]	*	*	*	.[illegible]	*	*	*
KANALOHULUHULU 1075		3.25		.02	.09	.11	.05	.17	.45	.27	.07	.08	.01	.05	.02			.[illegible]	.03	.33	.[illegible]	.27	.57	.07	.01	.[illegible]		.10		.06	.10		
KANEHA RESERVOIR 1092	A	7.01	.15	.14	.35	.10	*	*	.66	.20	.20	.35	.85	*	*	1.20		.10	.03		*	*	.78	.20	.10	.45		*	*	1.12	.05	.05	.03
KAPAA STABLES 1104	A	3.29	.10	.04	.14		*	*	.43	.34	.07	.32	.10	*	*	.50		.15			*	*	.15	.[illegible]	.[illegible]	.10		*	*	.22			
KEALIA 1112	A	3.00	.10	.05	.10		*	*	.30	.19		.57	.02	*	*	.43		.16			*	*	.15	.15	.40	.16		*	*	.[illegible]	.04		
KEKAHA 944		.51								.03			.38	.09																.[illegible]			
KILAUEA 1134	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		2.91	.10	.10	.02	.50	.[illegible]	.56	.10	.04	.32	.05	.37	.[illegible]		.01	.06		.[illegible]	.02	.[illegible]	.[illegible]	.04			.[illegible]				.[illegible]	.03	.03
KOLO 1033		.44								.03	.05		.08	.28																			
KOLOA 936	A	6.82	.16	.33	.33	.16	*	*	1.27	.34	.28	.34	.25	*	*	.22		.18	.[illegible]	.21	*	*	1.07	.26	.27	.[illegible]	.07	*	*	.[illegible]	.[illegible]		.02
KOLOA MAUKA 994	A	9.55	.06	.24	.70	.21	*	*	1.91	.31	.49	.22	.33	*	*	.47	.03	.11	.04	.29	*	*	.69	.50	.19	.24	.[illegible]	*	*	.[illegible]	.06	.04	.05
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUKUIULA 935	A	3.08	.10	.14	.11	.05	*	*	.69	.20	.13	.07	.06	*	*	.05		.27	.04	.13	*	*	.50	.11	.[illegible]	.05	.16	*	*	.02	T	.04	.01
LIHUE VARIETY STA	A	5.08	.07	.05	.22		*	*	1.38	.50	.05	.32	.22	*	*	.19		.16	.02		*	*	.67	.52	.06		.03	*	*	.40	.17	.04	.02
LIHUE 1020	A	3.09	.01	.09	.05	.08	*	*	.79	.26	.02	.24	.19	*	*	.43		.18	.[illegible]		*	*	.29	.[illegible]	.09			*	*	.22	.01	.[illegible]	.02
LIHUE WSO 1020.1 AP	//R	1.87	.01	.01	.04	.06	.[illegible]	.22	.19	.04	.02	.14	.40			T	.51	.15	.02	.01	.02	.13	T	.07	.01			.04	.07		.01	.07
MAKAHUENA POINT 940.1		1.72	.04	.05	.12	.01	.01	.21	.05	.18	.09	.03	.02	.01				.04	.[illegible]	.03	.02	.16	.31	.02	.09	.01	.15	.[illegible]					
MAKAWELI 965	A	.48			.01	.01			.02	.04	.02		.01	.17						.01	.03	.06	.06							.01			
MANA 1026		.45									.10		.35																				
MOHIHI UPR CROSS 1083	A	6.81	.16	.08	.33		.05	.33	.66	.14	.33	.08	.25	.08				.17	.24	.5[illegible]	.24	.08	.60	.17				1.36		.09			
MOLOAA 1145	A	3.15	.07	.04	.21	.18	*	*	.84	.23	.09	.13	.08	*	*	.25	.05			.05	*	*	.25				.38	*	*	.[illegible]			.16
MOUNT WAIALEALE 1047	R	34.60	1.06	.91	1.46	.39	1.50	1.97	2.16	.51	1.97	3.15	2.20	.84			.08	.51	1.11	2.60	1.57	1.61	2.24	1.81	.24	.75	1.34		.75	.16	.71	.34	1.22
NIU RIDGE 1035		.72						.14		.20	.28	.08																		.[illegible]			
N WAILUA DITCH 1051	A	17.46	.42	.38	.93	.31	*	*	1.65	.94	.69	1.56	.48	*	*	2.10	.03	.08	.03	.31	*	*	1.50	.78	.04	.31	.15	*	*	3.10	.19	.28	.10
PH WAINIHA 1115		12.88	.40	.51	.35	.23	.51	.28	1.93	1.73	.92	.84	.49	.83	.09		.03	.08	T	.65	.40	.63	.22	.45	.[illegible]	.88	.[illegible]	.13	T		.03	.30
PRINCEVILLE RANCH 1117		V12.37	.27	.11	.45	.19	.27	*	*	1.04	.77	.60	.33	.72	*	*	.76	.06	.01	.19	.16	*	.88	.09	.01	.[illegible]	.09	*	*	*	.10	.02	.20
PUEHU RIDGE 1040		2.04											1.09	.25																.70			
PUHI 1013	A	5.27	.04	.17	.19	.20	*	*	.95	.33	.06	.51	.16	*	*	.48		.22	.04	.03	*	*	.52	.09	.15	.07	.02	*	*	.93		.03	.06
RESERVOIR 6 1004	A	7.92	.04	.34	.42	.15	*	*	1.20	.29	.29	.49	.12	*	*	.24	.02	.27	.03	.30	*	*	1.19	.21	.27	.17	.06	*	*	1.44	.27	.04	.05
WAHIAWA 930	A	1.34	.01	.04	.11	.14	*	*	.32	.23	.07	.07	T	*	*	.20		.04		.07	*	*	.01	.[illegible]	T	T		*	*	.01	T		
WAIAHI LOWER 1054		9.76	.25	.34	.44	.32	.34	.80	.73	.44	.42	.62	.53	.63			.02	.10		.21	.34	.28	.82	.42	.23	.28	.27	.39		.23	.[illegible]	.15	.04
WAIAHI UPPER 1052		12.43	.23	.36	.65	.35	.50	.60	.65	.90	.45	.56	.69	.80	.25		.03	.03		.39	.50	.60	.65	.68	.25	.38	.50	.25	.35	.48	.10	.15	.10
WAIAWA 943		.39								.03			.31	.02																.03			
WAILUA KAI 1065	A	2.70	.05	.03	.17		*	*	.65	.27	.03	.11	.10	*	*	.22			.04		*	*	.13	.22	.3	.2		*	*	.34	.02		
WAIMEA 947		.32											.12	.20																			
WEST LAWAI 931	A	3.09	.04	.18	.10	.11	*	*	.73	.38	.09	.05	.04	*	*	.04		.15	.[illegible]	.05	*	*	.72	.16	.12	.04	.04	*	*	.02	.01		T
* * * ISLAND OF OAHU																															
BERETANIA PUMPING STA		3.31	.01	T				.08	.10	.02	T		.36						.04	.10		.[illegible]	.45	.13	.01	.[illegible]	3			1.65	.01		
CAMPBELL IND PK 702.5		.32							T			.05										.[illegible]	.[illegible]	T						.10			
CAMP 84 807	A	.94	*	*	.04	*	*	*	.04	*	*	.02	*	*		.06	*	*	.01	.03	*	*	.[illegible]	.22	*	*	.09	*	*	.[illegible]	.20		
CHURCH COLLEGE LAIE		4.11	.09	.09	.03		.16	.09	.05	.14	.07	.11	.19	.03	.06			T	.01	.65	.40	.07	.23	.21	.31		.07	.[illegible]	.9	.[illegible]	.63	.31	.32
COCONUT ISLAND 840.1		2.30	.03		.01			.05	.03		.12	.15	.10	.02	.01			.01	.01	.01	.04	.[illegible]	.33	.79		.47	.10		.05	.62	.03		
EWA PLANTATION 741		.67					*	*	.02			.06	.01							.02	*	*	.34	.01				*	*	.16	.05		
HELEMANO INTAKE 881	A	4.85	1.02	*	*	*	*	*	.49	*	*	.31	*	*	*	.11	*	*	*	*	*	*	.[illegible]	*	*	*	.81	*	*	.41	*	*	*
HOKULOA 725.2	A	1.28	*	*	*	*	*	*	*	.09	*	*	*	*	*	*	*	*	*	*	*	*	.32	*	*	*	*	*	*	.21	*	*	*
HONOLULU OBSERV 702.2		.46						.04	.05				.04								.03	.[illegible]	.14	.02					.12			
HONOLULU WSO 703 AP	R	.89	T	T	T		T	.01	.04	.02	.05		.37					T	.00	.06	T	.04	.13	.02	T	.03	T	T	.03			T	T
HONOLULU SUBSTA 704	R	2.65							.06	.02	.04		.25			.01	.01	.02	.02	.05		.[illegible]	.11	.03		.3		1.5.			.04	
H S P A EXP STA 707		3.00	.02	.01		T	.03	.07	.11	T	.09	T	.93	T					.07	.12	.08	.10	.32	.13	.01	.[illegible]	.01	*	*	*	1.90		
KAENA POINT 841.3		.81			.02				.18	.03	.04								.07	.23		.[illegible]			.02	.[illegible]							
KAHANA 883	A	14.46	*	*	*	*	*	*	1.54	*	*	*	*	*	*	5.40	*	*	*	*	*	*	3.62	*	*	*	*	*	*	3.9[illegible]	*	*	*
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		3.61			T			.03	.03	.08		.03				.31		.02	.14		.16		.27	.31	.08	.03	.14	.23		1.75		.03	
KALIHI RES SITE 777	R	8.12	.08	.12	.08		.10	.08		.90	.94	.08	.92	.32	.06			.12	.26	.36	.06	.22	.[illegible]	.24	.6[illegible]	.76	.40	.02	.36	.02	.08		.06
KANEOHE MAUKA 781		4.41	.13	.01	.15			.10	.09		.67	.33	.11	.14	.04			.01	.05	.12	.14	.14	.66	.54	.[illegible]	.4	.43	.01	.06	.07	.08		.10
KAPALAMA 773	A	7.16			.04		*	*	.35	.20	.28		1.38						.21	.50	*	*	.91	.80	.1[illegible]	.32		*	*	*	2.05	.02	
KAWAIHAPAI 841	A	.42		.01	.03		*	*	.12	.01	.01		.01							.17	*	*	.05	.01	T								
KAWAI IKI INTAKE 880.2	A	6.30	*	*	*	6.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEMOO CAMP 8 855	A	.92			.02		*	*	.08	.05	.07									.16	*	*	.33	.[illegible]	.[illegible]	.03		*	*	.03	.06		
KOOLAU DAM 833	A	17.06	.26	.33	.46	.07	.[illegible]	.60	.24	.51	1.10	.40		.10				.04	.1[illegible]	2.15	.33	.[illegible]	1.75	.[illegible]	.33	1.03	.25	.1[illegible]	.08	.[illegible]	.38	.05	.30
LUALUALEI 804	A	1.85					.04				.17	.07	.50	.[illegible]								.10	.20	.20							.40		
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.45	T																			T	.[illegible]	T						.44			
MAKAHA PUMP 800.2	A	2.06																					.32					.53	.40	1.74			
MAKAPUU POINT 724		1.36													.07					.04	.03	.03	.16	.10					.[illegible]	.34		.05
MANOA 712.1		8.25	.15				.11	.12	.36	.10	.94	.08	2.06	.[illegible]				.06	.24	.39	.40	.[illegible]	.67	.33	.[illegible]	.75	.[illegible]		.[illegible]	.[illegible]			
MANOA TUNNEL 2 716	R	14.62	.28	.12	.06		.12	.18	.66	1.10	1.58	.26	3.96	.22	.04	.02		.14	.9	.68	.04	.94	.92	.28	.12	.74	.[illegible]		.26	.98	.[illegible]	.08	.04
MOANALUA 770		3.47	.02	.02	.03	T	*	*	*	*	*	*	1.10						.[illegible]	.32	.14	.08	.58	*	.37	.11				.54	*	.01	.02
NUUANU RES 4 783		9.32	.05	.07	.04		.08	.34	.24	1.30	.96	.20	1.88	.12		.04			.3	.50	.06	.52	.92	.22	.[illegible]	.76	.18	.02	.2[illegible]	.06	.06	.08	.06
NUUANU RESERVOIR 5 775	A	10.28	*	*	.23	*	*	*	.77	*	1.18	*	*	*	*	1.94	*	*	.[illegible]	.62	*	*	.27	*	.65	.30	.10	*	*	*	1.76	.50	.80
OPAEULA 870	A	3.42		.02	.02		*	*	.40	.06	.08	.02	.40	.[illegible]		T				1.00	.08	*	.90	.40	.04	*							
PALI GOLF COURSE 788.1		4.20	.03	.02	.09			.05	.16	.22	.94	.09	.23		.15			.02	.11	.35	.20	.[illegible]	.16	.39	.[illegible]	.11	.24		.20	.04	.04	.02	.14
PALOLO VALLEY 718	R	10.46	.30	.08			.10	.44	.14	.62	1.46	.08	1.84	.52	.02	.04	.02		.[illegible]	.48	.02	.72	.72	.08	.27	.45	.[illegible]	.06	.30	.36	.10	.04	.06
PAUOA FLATS 784	R	14.74	.24	.28	.04		.[illegible]	.74	.48	1.42	1.58	.42	2.42	.64				.10	.9	.68	.14	.[illegible]	1.38	.40	.02	.[illegible]	.22		.[illegible]	.36	.16	.26	.06
PORTLOCK ROAD 724.4		1.01					T		.07	.02	.17	T	.03		.04			.04	.01	.03					.21	.01			.05	.30	T	.03	
PRI WAHIAWA 820.2	A	3.62		.08	.08	.03	*	*	.25	.07	.02									.62	.24	.40	.88	.55	.24	.08	.[illegible]		.5.	.9.	T		.1[illegible]
PUNCHBOWL CRATER 709	A	3.90	.04	.01	.01	.02	.02	.10	.06	.08	.02	.03	.68	.02						.16	*	*	.52	.12	.02	.T	*	*	*	.[illegible]	.02		
ST STEPHENS SEM 788		4.55	.09		.07				.34	.10	.93	.16	.42	.45					.09	.20	.21	.28	.37	.19	.06	.[illegible]				1.25	.01	.02	.01
TANTALUS 2 780.5		13.26	.32	.04	.13	.02	*	*	.83	.12	1.60	.23	1.97	.44			*	.03	.[illegible]	.17	.14	.10	.29	.[illegible]	.08	.[illegible]	.13	.18	.21	.07	.03	.02	.12
UNIV OF HAWAII 713	A	3.46	.07	.03	T	T	*	*	.26	.01	.27	.01	.80					T	.09	.18	*	*	.70	.[illegible]	.12	.[illegible]	.01	*	*	.[illegible]	.03	.02	.15
UPPER WAHIAWA 874.3		6.39	.17	.02	.61	.12	.10	.17	.22	.11	.06	.05	.09					.01		.02	.40	.88	.55	.24	.08	.[illegible]		.5.	.9.	T		.1[illegible]	
WAHIAWA DAM 863	A	1.82	.02	T	.13	T	*	*	.22	.02	.01		.01							.16	*	*	.52	.12	.02	.T	*	*	*	.[illegible]	.02		
WAIAHOLE 837	A	7.56	.08		.08				.37	.14	1.19	.58	.13			.36		.03		.15			1.13	.59	.11	.34	1.69			.06	.06	.02	.12
WAIALAE KAHALA 715		1.34	.02	.01	.02		.02	.02	.07	T	.03	T	.01	*	.02			T	.39	.10	.03	.[illegible]	.10	.26	.[illegible]	.11	.02	.[illegible]		.25	.08		
WAIALEE 896.3		1.49	.07	.01	.07		.10		.10		.04	.07		.[illegible]						.14		.12	.14	.26	.04	.06	.32						.[illegible]
WAIALUA 847	A	.48		T	.04		.03		.07	.06	T	T	.02	T						.13	.05		.04	.01		T		.04			.11		
WAIANAE 798.2	A	.26									T	T		.11						T	T		T									
WAIANAE MAUKA 803	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAWA 836	A	13.64	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.37	*	*	*	*	*	*	2.80	*	*	*
WAIKANE 885	A	8.97	*	*	*	*	*	*	.60	*	*	*	*	*	*	3.20	*		.01	.05	.02	.01	.08	.38	.04	.06		.10	.5[illegible]	.04			
WAIKIKI 717.2		1.13	T	T	.02		T	.06	.03		T		T						.04	.02	.35	.18	.38	.05	.04	.[illegible]	.01	.17	.03	.32			
WAIMANALO EXP FARM		1.76	.02					.07	.14		.06	.01	.26	.10	.16																	
WAIMEA 892	A	2.84	T	.06	.26	.01	*	*	.28	.11	.20	.01	.25					.02		.[illegible]	*	*	.44	.21	.08	.[illegible]	.11						
WAIPAHU 750	A	2.89					*	*	.03				.11							.04	*	*	.48	.03		.02		*	*	.[illegible]	.01		
WILHELMINA RISE 721	R	4.11	.12	.02			.04	.10	.12	.34	.26	.08	.70					.01	.00	.24		.3	.44	.10	.02	.[illegible]	.02	.04	.38	.[illegible]	.04		.06

See reference notes following Station Index

DAILY PRECIPITATION

Station	Elev.	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ISLAND OF OAHU																															
[illegible]																															
[illegible]	A	4.38			.04	.04		.09		.02	1.46	.04	1.21	.26	.54			.09	.32	.06	.19 .11	.06	.12	.03	.39	.03	.01	.02	.18	.79			.03
[illegible]	A	.01																													
[illegible]	A																														
[illegible]	A	2.28						.02		.37					.04			.07	.12			.55	.02		.05					1.01		
[illegible]				.01	.20		.07			.78	.20	.30	.05	.01		.05	.08	.10	.52	.25	.30	.25	.35	.30	.10	.10		.20				
[illegible]	A	.04								.64					.03			.08					.15	.04		.01				.11		
[illegible]		.97			T		.01			.29	T			.01	T			.18	.05	.17	.01	.10	.12	.01	T					.09	.01	
[illegible]		3.61	.05		.03			.04		.61	.05	.12	.28	.21	.06	.06		.01	.18	.50	.23	.17	.14	.07	.56					.23	.01	
WAIKOLU 540	A	10.95	.16								1.52					2.54							4.89							.84		
ISLAND OF MAUI																															
[illegible]	A	.44									.25								.50												.25	
[illegible]	A	.74																				.12								.79		
[illegible]	A	2.44								.45	.12	.29			.72		.06		.08			.03		.02					.65	.02		
LANAIHALE 684	A	3.97			.06						.41								2.00							.10					1.40	
MAHANA 496	A	.87									.26								.06												.55	
[illegible]	A	.53																	.43												.10	
[illegible]	A	.56														.38															.18	
ISLAND OF MAUI																															
[illegible]	A	.24										.08			.11																	
[illegible]	A	5.21	.01	.07	.03			.02		.12	.10	.01	.12	.10	.05			.83	2.10	1.10	.14	.19	.20	.01		.01						
[illegible]	A	2.35																.50	1.17			.44								.24		
[illegible]	A	2.61	T	T	T					T		.03	.05	.19		T		.03	.41	.30	.07	.10	.17	.03	.10	.13			.10	.90		
[illegible]	A	.70								.08			.21	.11					.01			.07	.03		.02					.17		
[illegible]	A	4.38	.02	.01	.02					.04					.05			.48	.82			.82	.06		.03							
HONUA [illegible]	A	3.42	.05	.07	.15	.06	.11	.01	.10	.06	.19	.10		.02	.11	.05	.03	.01	.41	.61	1.00	.16	.22	.13	.07	.11	.01			T		.07	
HANA [illegible]	A	4.30																					.67		.15		.82	.40		.07	.02		
HANA AIRPORT 356		4.97		.03	.04			.06	.11	1.09	T	.37			.67	.23	.12	T	.64			.39	.10	.05	.91		.01			.09	.06	
HANAWI [illegible]		5.11	.17	.04	.07		.10	.20	.19	.03	.18	.70	.36	.34	.15	.06	.23	.02	.04	.73	.45	.33	.63	.10	.13	.35	.02	.05	.07	.10	.70	.05	.12
[illegible]	A	.79								.07					.23									.30		.17			.02			
[illegible]	A	3.40																													13.40	
[illegible]	A	3.17	.05	.14	.07			.06		.40	.16	.11			.62			.08	.33			.51	.18	.20	.14	.07					.05	
[illegible]	A	.27																													10.20	
KAANAPA [illegible]		.65		T	.01				T	.01		.21	.02	.01			T	.09	.15	.11		.04	T									
[illegible]	A	4.45																													4.20	
[illegible]	M	.57	T	.01			T	T	T	T		.07	T				.10	.07	.20	.01	.02	.03		T								
[illegible]	A	8.56																													8.55	
[illegible]		9.79	.07	.03	.29	.02	.10	.10	.02	.04	1.08	.03	.41	.57	.75	.14	.01		.48	1.33	.69	.45	.69	.22	.27	.42	.54				.62	.10	.32
KAULA INTAKE 375	A	2.09							.12							.30						1.02							.65			
KEAWUA 410		.71			.02							T			T				.21	.28	.15	.03				.02						
[illegible]	A	16.80																													16.80	
[illegible]		.49													.02															.41	.56	
KIMEI 311		.05																	T											.05		
KIPAHULU 258		5.74	.16	.03	.12						.25	.98			.10	.09			.19	1.05	.70	.30	.15	.34	.04	.05			.15	.60	.30		.12
KULA HEIGHTS 329.2		1.23													.13					.01			.08							1.01		
[illegible]		2.54											.03		.74	.02							.05			.05		T		.03	1.58		.01
LAHAINA 361		.24								.02					.02					T										.20		
[illegible]	A	3.20																													3.20	
[illegible]	A	.18													.05					T										.13		
LUPI UPPER 442	A	.02																													10.40	
MAHINAHINA 484	A	2.15	.05	.04			.10			.12		.06		.05				.36	.60	.45		.20	.06	.06								
[illegible]	A	3.33						.34							1.64							.66							.57			.07
[illegible]	A	2.31		T						.21	.02	.03	.07	.21	.02	T		.06	.88	.22			.10		.06	.01				.43	.01	.01
[illegible]		.24																	T											.24		
PAAKEA 350		17.38	.20	.16	.41	.14	.09	.03	.34	.12	1.58	.05	.39	1.62	1.58	1.36	.29	.21	.41	1.40	1.76	.65	.89	.55	.34	.55	.57			.11	.90	.09	.56
PAIA [illegible]		1.82	.01	.04	.04	.01	.02		.10	.02	.07	.02		.03	.03	.01	.07	.03	.22	.30	.44	.12	.16	.03	.04	.01							
PAPA [illegible]	A	2.32																			1.60												
[illegible]	A	.26													.05	.01			.09	.01	.10											.72	
[illegible]	A	3.69																														3.63	
[illegible]	A	24.40																													24.40	
[illegible]		.66											.11	.01			T	.17	.09	.20	.05	.03										
[illegible]		.96		T	T				T		T		T	.09	T			.05	.21	.24	.22	.10	.03	T								
TWIN GATES 261.3	A	.10																										.10				
UKULELE 333	A	5.46																													5.46	
[illegible]	A	.15																	.15													
[illegible]		3.34						.24			.03		1.11		.98							.18	.05	.23						.48	.04	
[illegible]	A	1.47										.45		.28					.21	.09										.13		
[illegible]	A	1.95		T	.12								.25	.38	.36	T	.02	.04	.22	.17	.10	.20	.09									
WAIHEE VALLEY 482	A	3.99		T	.15					T	T		.52	1.25	1.02	T	.17	.17	.07	.16	.03	.26	.19									
[illegible]	A	13.30																													13.30	
[illegible]	A	19.29	.12	.27	.15	.01			.35	.02	.65	.03	.16	.66	.87	.57		.05	1.39	5.45	4.63			.80	.31	.45	.25				1.98	.01	.11
[illegible]	A	.47													.38	.10			.15	.08	.18	.04	.04										
[illegible]		.09		.01												.90		.11	.14	.09			.14										
WAICPAI RANCH 256	A	.00																															
ISLAND OF HAWAII																																
[illegible]	A	.90																													.90	
[illegible]	A																															
CITY OF REFUGE 27.4		2.02					T	T	T							1.14	T			.15	.10	T	T	.33	T	.01	.06	T		T	.20	.03
[illegible]	A	16.00																													16.50	
HAINA 214		3.00	.02	.09		.25	.01		.48					.06	.03	.04	.09	.11	.51	.23	.73	.06	.12	.07	.03	.06					.01	.10
HAKALAU 142		8.40	.02	.25	.11	.06	.20	.09	.07	.35	.23	.22		.47	.01	.06	.81	.05	.52	.50	.79	.15	.07	1.30	.20	.68	.33	.06			.51	.12	.17
[illegible]	A	.44													.18																1.28	
[illegible]	A	1.38																													1.38	
[illegible]		.39							T	T	T	T	T	T	.04								.05	.12	.05			T		T	.01	.28	
HAWAII VOLCANOES NP 54		5.54	.09	.05	.07	.17	.05	.03	.10	.11	.02	.50	.06	.36	.03	.14	.09		.15	.20	.62	.07	.04	.39	.26	.50	.18	.13	.05	.26	.48	.22	.02
MAUI 168	A	2.27	.17	.07	.05	.20			.30	.06	.25	.06	.05		.21	.01		.08	.15		.21	T		.07					.01	.09	.08	.15
[illegible]	R	8.34	.18	.21	.04	.08	.04	.18	.44	.31	.96	.05	.13	T	.11	T	.16	.05	.74	.61	.22	.08	.33	.48	1.90	.50	.09	T	.02	.54	.03	.03	.23
[illegible]	A	4.44																													4.10	
[illegible]	A	2.18														.51									.25					1.42		
[illegible]		2.94								.07		.19																				
[illegible]		7.79	.07	.38	.14	.08	.11	.12	.40	.20	.22	.12	.01	.08		.35	.41		.11			.09	.07	.55	.11	.32	.08					.68
[illegible]	A																.31	.13	.51	.38	.70		.30	1.06	.34	1.00	.26	.14			.34	.05	.05
[illegible]		4.61	.13	.29	.23	.17	.44	.36	.91	.07	.18	.54	.08	.44	.04	.20	.39	.22	.68	1.06	1.23	.08	.29	1.28	.58	1.98	.82	.33	.01		.54	.34	.22
MONUAULA 71	A	3.62																													3.62	
[illegible]	A	2.15																													2.15	
[illegible]	A	2.66		.17																										1.98	.13	.33	.05
MAALA IWI 12	A	2.84				.48						.09							1.26							.08			.40	.45	.08	
[illegible]		2.29						.02	.47		.04	.18			.33	.07	.03	T	.07					.02		.02				.37	.31	T
[illegible]		1.81					.02		.23		T	.91	.30	T		.04			.07	.07	.12		.02	.13	.03	.14		.13	.17	T	.03	
[illegible]		3.48	.09	.11	.12	.05	.05	T		.01	.14	.29	.01	.05		.19	.02				.03		.01	.33	.10	.32	.15				1.09	.19	.03
PAMAOA NO 2 5	A	2.41						.15						1.45								.77						.18					
[illegible]		2.24	.03			.04				.01	.04			.06					.15	.05	.33	.36				.05				.30	.02		.08
[illegible]	A	2.16						.02						.90								.54					.70						
[illegible]		5.44				1.93						1.19								.82						2.00						
KAWAINUI LOWER 193	A	[illegible]																														
[illegible]		10.33	.21	.61	.26	.33	.06	.02	.57	.20	.32	.60	.24	.60	.10	.06	.08	.06	.48	.30	.40	.18	.22	.80	.85	.84	.64	.10		.25	.85	.35	.12

*See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		*					.02	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEHENA 181.2	A	14.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KIOLAKAA A & F 6	A	3.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.30	*
KIPA 89.2	A	13.87	.19	.36	.20	.42	.18	.15	.52	.45	.26	.32	.03	.35	.06	.1.	1.50	.06	.55	.59	.14	.1.	.11	.61	.72	.1.	.6.	.35		.1.	.1.	.6	*
KOHALA MAJLILI 176	A	3.91	.32	.04	.12	.36	*	*	.35	.12	.07	.1.	.01	*	*	.78			.1.	.32	*	*	.62	.2.		.5		*	*	.04	.17	.04	.1.
KOHALA MISSION 175.1		3.17	.15	.11	.04	.20	.05	.04	.12	.08	.10	.02	T	.44	.07	T			.1.	.05	.1.	.05	.1.		T	.6.	T	T		T	.1.	.1.	
KOIAWE LOWER 196	A	6.64	*	*	*	.68	*	*	*	*	*	*	2.70	*	*	*	*	*	*	2.00	*	*	*	*	*	*	.1.	*	*	*	*	*	*
KONA (KAILUA) 68.3	A	1.93					*	*	.18					*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.25	.50		
KONA VILLAGE 93.8		.54		.01								.53																					
KUKAIAU 222		5.23	.16	.02	.86	.05	.04	.32	.08		.07		.22			.32	.37	.1.	.26	1.1.		.13	.37	.06	.23					.12	.03	
KUKUIHAELE MIC 199		4.00	.04	.05	.03	.50	.0.		.24	.04	.0.	.02	.02	.14	.10	.05	.2.	.0.	.1.	.46	.2.	.1.	.04	.02	.01	.1			.02		.10	.1.
KUKUIHAELE MILL 206	A	2.81	.02	.01	.01	.20	*	*	.27	.01			.02	*	*	.16	.12	.05	.2.	.57	*	*	.86			.1.				.02		.2.	.1.
KULANI CAMP 79		6.03	.06		.03		.02	.08	.15	.1.	.05	.15		*	.12	.16	.12	.05	.22	.25	.60	.1.	.10	.1.	.35	.1.	.05		.05	.1.	.1.	.23	
KULANI MAUKA 76	A	.78											.10							.08				.5.	.0.	.1.				.1.	.1.	.1.	
KULANI SCHOOL SITE 78	A	5.11	*	*	*	*	.0.	*	*	*	*	.1.	*	*	*	*	*	*	*	*	.1.	*	*	*	*	*	.1.	*	*	*	*	*	*
LANIHAU 68.2		5.89					.18	.06		.0.		.1.	.14	.5.	.0.			.0.		.14	.1.0			.13	.1.			.1.		.14	.1.	.1.	
MAKAHALAU 103		1.26									.34		.10			.2.			.27	.07			.20								.1.		
MANUKA 2	A	6.17	T									.02		*	*	.5.	.0.	T	*		*	*	.15	T	.70	*	*	*	*	*	.1.	2.00	
MAUNA KEA OBS 111.2		.10																						.05						T	.1.		
MAUNA LOA SLOPE OBS		.93																						.1.	.1.	.1.					.93		
MIDDLE HOLUALOA 68.1	A	2.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40	*	*		*	*	.25	*	*	*	*	*	.1.	*	*	*
MIDDLE PEN 147.1	A	1.38	*	*	*	*	*	*	*	*	*	*	*	*	.1.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.1.	*	*
MOAULA 18	A	1.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNTAIN VIEW 91		14.64	.23	.19	.22	.52	.1.	.03	.60	.33	.09	1.14	.21	.61	.1.	.1.	.7.	.15	.37	.5.	.57	.1.	.1.	.1.	.5.	.1.7	.5.	.2.		.5.	.1.	.7.	.1.
NAALEHU 14	A	1.96	T							T	T	.18	T	.40	.22	.09	.59							.03	T	.05	T			.04	.35	.01	
NAPOOPOO 28	A	.95	*	*	*	*	*	*	.03	*	*	*	*	*	*	.1.2	*	*	*	*	*	*	.2.	*	*	*	*	*	*	*	.1.	*	*
NIULII 179	A	3.42	.10	.07	.04	.17	*	*	.12	.0.	.30	.03	.03	*	*	.81			.03	.37	*	*	.6.			.1.		*	*	.02	.1.	.09	.13
OOKALA 223		5.84	.03	.14	.05	.60	.16	.02	.32	.3	.1.	.22	T	.1.	.01	T	.35	.5.	.35	.34	.66	.05	.15	.1.	.11	.1.	T		T		.1.	.03	.2.
OPIHIHALE 2 24.1		2.58				.01			.03			T			.04	.68	.03		.5.	.5.	T	.1.	.28	.1.	T	.1.				.1.	.1.	.03	.01
ORCHID LAND EST 91.5	A	9.09	*	*	*	2.10	*	*	*	*	*	*	2.05	*	*	*	*	*	*	1.37	*	*	*	*	*	*	3.57	*	*	*	*	*	*
PAAUHAU 217		2.57		.12		.20	*	*	.45	.03				*	*	.21	.27	.03	.32	.22	*	*	.54	.08		.1.							.09
PAAUILO 221		3.94	.10	T	.70	.01	.03	.1.	.04	T	.0.		.30		.0.	.42	.2.	.42	.22	.73	.04	.04	.1.	.02	.1.	T				.1.	.10	.1.	
PAHALA 21	A	2.55										.26	.11	.31	.30									T		.01		.10		.1.	1.47		
PAHOA 65		11.57	.39	.21	.34	.2.	.15	.03	.70	.43	.35	.59	.12	.86	.14	.09	.09	.22	.23	.20	.00	.1.	.32	.1.	.35	.1.	.1.	.3		.2.	.1.	.1.	.1.
PAKAD 37	A	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00
PAPAIKOU 144.1		9.18	.09	.13	.22	.14	.18	.26	1.00	.15	.17	.36	.23	.68	.02	.04	.07	.35	.35	.51	.62	.15	.21	.63	.30	1.	.75	.2.		.51	.03	.14	
PAPAIKOU MAUKA 140.1		13.38	.15	.29	.23	.37	.1.	.30	.76	.24	.16	.67	.13	.69	.03	.0.	1.02	.07	.54	.33	1.27	.1.	.17	.49	1.47	.1.	.44	.21		.5.	.08	.37	
PIIHONUA 89	A	14.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.80
POHAKULOA 107	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUAKU 95.1	A	.06				T							.06			T								T								
PUU KIHE 120	A	1.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35
PUU LAAU 102.1	A	.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.35
PUU LEHUA 73	A	1.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.9
PUU MALI 113	A	1.58	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.58
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94.1	A	1.74					T				.03	.02												.1.	.47				*	*	.75	.32	
SADDLE ROAD 1 84	A	11.84	*	*	*	3.20	*	*	*	*	*	*	2.20	*	*	*	*	*	*	2.23	*	*	*	*		*	.1.	*	*	*	*	*	*
SOUTH POINT CORRAL 3	A	.45	*	*	*	*	*	*	*	*	*	*	*	*	.25	*	*	*	*	*	*	.2.	*	*	*	*	*	*	*	*	*	*	*
UMIKOA 118		3.41					*	*	.01				.71	.17	*	.17	.78	.25	.35		1.18	*	.03	.1.		.07			*	*	.24	.06	
UPOLU POINT USCG 159.2		1.11	.09	.04	.05	.16	.0.	T	.13		.08	.03							.2.	.14	.17		.02			.2.				.1.		.01	.05
WAIAKEA SCD 88.2		14.46	.17	.15	.12	.14	.26	.15	.70	.30	.24	1.25	.05	.82	.01	.09	.62	.15	.5	.29	1.1	.1	.32	.60	.65	.1.5	.84	.6.	.8	.35	.4.	1.19	.1.

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
• • •																																	
EAST OF 180th MERIDIAN																																	
ANTON [illegible]	M	1.40					.5					T					.01		.05			T	1.00	.04	.02	.14					.01		
[illegible]		7.15						.50	.18	.20	.05		.14	.60	.20	.10		.50	.13	.08			.15	.22	.05			.74	2.72	.60	.60	.10	
[illegible]	R	.69	.01	.01	T	.01	.3	.01		.04				.01	.02		.02	T	.03	.03	T	.32	T		T	.04	T	T	T	.02	T	.03	.09	
[illegible]		•					•			.22	.20	.90											.10	.50	4.00	.10		.85		.05	•	•	•	
[illegible]		.52		.2		T	.5	.09				.07			.02			.01		.02	.01		.04				.02	.08	.02	.01	.02		.04	
LUMA VILLAGE		.57	.22		T	.75	.7	.52	.26	.04	.65	.68	.11	.12	.51	.11		.12	T			.03	.48	.13	.91	.05	.69	.03	1.75	1.81	T	.08	.35	
[illegible]		.53		T	T			T	.01		T	.01							.02	T								.04	.07	.17	.01	.20		
[illegible]	R	7.93			.0	.03		.08	T	.10	.15		.24	T	.19			.08					.14	.34	3.29	.01	1.21	.69	.02	.84	.11	.25	.15	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
• • •																																	
WESTERN PACIFIC IS., NORTH OF EQUA																																	
ANDERSEN AFB GUAM		3.10			T					.1	.04	.78	.04	T	.03		.06		T				.03	.01	.72	.18	.07	.01	.01	.09	.80	T	.12	
[illegible]		2.54		T					T		.01			T		.12	.02			.11		.02		.18	.18		.25	.95	.01	.19	.50			
GUAM NAS		1.65						.02	.01	.07	.01	.74	.01	T	T	.04	T	.08	.01						.01	.26	.04	.02	T	.13	.19	T	.01	
GUAM WSO	R	3.01								.09	.11	1.15		.01	.04		.10	.01	.03				.03	.01	.62	.02	.03	.05	.02	.20	.46	.01	.02	
KWAJALEIN		1.83	.02								T	.35	.25		.01		.03									.80			.01	.08	.10	.18		
ROTA		4.77	T	.0	.30	.25	T	T	.05	.25	.50	.46	.26	T	.05	.20	.30	.14	.05	.10	T	.10	.10	.50	T	.16	.05	T	T	T	.10	.30	.45	
SAIPAN [illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAKE WSO AP	R	1.99		T			T	.02	.06	.02	.17	.32	.48			.03				.03	T	T	T	.07	T		T	.21	.03	.01	.39	.15		
• • •																																	
CAROLINE AN MARSHALL ISLANDS																																	
ANGUAR		4.28		.35	1.47	.05	.45		.04	1.14	.01			.84	.83			.16	.59	1.63	.12	.06		2.06		.16	.65	.61	1.03	.37	.07	1.12	.47	
ENIWETOK		2.79					.02		.14	.31				.27				.45			.42	.02	.05		.07		.28	.01			.01	.03	.71	
FALALOP I., ULITHI		1.90			.33					T		T	.13	.18	.04	T	.06		.01	.02	.22	.26	.05	T		.03		.06	.27		.24		T	
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOROR WSO	R	10.16	.08	.18	1.38	.01	.10		1.44	1.38	.02		.02		.21	.10	.01		.62	.44	.49		.01	.42	1.51	.06	.01	.05	.52	.03	.25	.59	.23	
MAJURO WSO AP	R	7.92	T	1.27	.03			.10	.09	.07	.01		T	.01	.04	.88	.49	.42	.02	T		.09		.27	.35	.15	.69	.23	.09	.95	.37	.52	.78	
LELE I. KUSAIE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAJURO WSO AP	R	14.33	.14	.81	.63		.10	.06	.56	1.00	.39	.72	1.58	T	.13	.01	.23	.33	1.96	.02	T	.01	.48	.70		.18	1.01	.22	.35	2.31	.08	.10	.22	
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NGASANG, BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONAPE WSO	R	16.28	1.85	2.43	.79	1.31	.16	.01	.12	.19	.26	.37	.22	.58	T		1.33	.57	.22	.82		.14	.13	.45	.09	.75	.11	1.08	.02	.47	.96	.63	.22	
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRUK, MOEN I., WSO AP	R	8.96	.09	1.10	.67	.19	.13		T	.32	.13	.27	.52	T	.27	.01	T	T		.66	1.58		.18	.06	.62	.06	.80	.25	.03	.23	.37	.32	.15	
WOLEAI ATOLL		7.42		.10	.68	.21	.21	2.00	.06				.52				.05	.12	.20	.38		.24	.92	.05	.11	.28	.12		.32	.23	.36	.17	.09	
YAP WSO AP	R	5.98	.05	1.01	.02		.06	.01	.11				T	.43	.18	.17	.03	T	.10	.47		1.80	.01	.08	T	.04	T	.07	.06	.20	.18	.09	.81	

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
* * *																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	65	68	67	69	64	66	67	69	68	71	62	69	70	68	68	67	60	63	67	65	64	67	69	69	69	70	70	68	71	71	74	67.5
	MIN	53	51	53	51	55	51	53	59	55	54	50	49	51	46	47	53	53	53	54	53	54	55	52	53	52	47	52	45	49	54	52	51.9
KILAUEA POINT 1133	MAX	78	78	78	78	79	79	78	79	77	72	79	81	87	79	82	71	78	78	72	78	79	79	73	79	75	82	83	75	79	79	79	78.2
	MIN	68	65	67	73	61	64	62	64	68	68	67	68	69	66	67	65	61	66	65	63	62	62	62	63	62	62	70	70	70	70	71	65.8
LIHUE WSO 1020.1 AP	MAX	78	82	82	83	82	80	81	82	80	81	76	81	82	84	82	80	81	79	82	81	81	81	82	82	82	82	82	82	84	80	80	81.3
	MIN	71	71	69	69	70	69	70	70	72	70	70	67	64	63	63	68	70	72	69	71	70	69	71	72	71	65	64	66	74	73	74	69.5
MAKAHUENA POINT 940.1	MAX	82		81	82	80	87	80	82	67		82	78	82	83	87			82		87	84	87		82	82	82	86	86			87	87	83.5
	MIN	71		68	69	71	73	71	67	60		60	70	67	65	63			60		69	68	67		68	72	68	67	66			70	72	67.6
MANA 1026	MAX	82	80	82	82	82	87	85	83	83	83	84	80	84	84	82	85	84	84	84	84	84	84	83	84	84	85	84	84	85	86	85	83.6
	MIN	62	65	62	65	64	63	63	61	62	61	65	64	63	65	63	68	68	65	64	65	64	64	61	63	65	65	64	65	65	63	63	63.9
NIU RIDGE 1035	MAX	79	76	80	79	78	80	81	80	81	82	76	78	80	79	80	82	81	80	82	81	83	82	83	79	80	82	81	83	82	83	84	80.5
	MIN	57	58	58	57	56	57	58	59	60	60	55	57	58	56	57	58	60	60	60	60	61	60	58	57	59	61	59	57	61	62	61	58.6
WAIAHI LOWER 1054	MAX	76	75	75	78	78	79	78	78	79	77	75	77	79	79	78	79	77	76	78	75	76	76	78	79	77	78	79	80	79	79	79	77.6
	MIN	62	63	64	64	64	64	64	65	65	66	62	62	57	55	57	62	62	65	63	65	64	64	62	62	65	59	58	59	65	63	65	62.5
* * *																																	
ISLAND OF OAHU																															
EWA PLANTATION 741	MAX	82	80	81	82			84	82	83	82	82			86	83	83	81	79			81	81	82	82	83			83	85	83	84	82.3
	MIN	66	66	64	65			66	65	67	66	66			62	60	65	67	68			66	67	66	66	67			63	67	66	67	65.6
HONOLULU WSO 703 AP	MAX	83	83	84	87	84	84	85	85	84	85	84	83	86	85	85	84	82	83	84	84	82	84	85	84	84	83	83	87	86	87	87	84.4
	MIN	69	71	70	71	73	70	70	70	70	72	70	67	67	66	64	70	69	70	70	70	69	70	72	69	72	68	65	69	73	72	74	69.7
HONOLULU SUBSTA 704	MAX	76	77	78	80	78	78	80	79	79	79	79	76	79	78	77	76	75	75	78	77	78	78	79	79	79	80	79	82	80	80	80	78.3
	MIN	67	70	70	70	71	69	70	70	67	71	68	70	70	69	68	69	68	70	69	67	68	69	70	68	70	69	68	64	71	72	73	69.2
KAHUKU 912	MAX																																
	MIN																																
KANEOHE MAUKA 781	MAX	78	73	78	79	80	77	79	79	79	77	80	79	77	79	79	79	78	80	75	79	77	76	79	79	78	79	81	80	81	82	81	78.6
	MIN	69	70	70	70	71	71	70	70	65	66	66	69	70	65	65	66	68	71	69	69	69	70	71	69	70	67	65	66	70	71	70	68.7
LUALUALEI 804	MAX	85	84	85	87	86	85	85	84	86	87	73	86	83	87	85	86	80	84	85	89	85	86	84	87	84	84	85	87	86	87	89	85.1
	MIN	65	68	69	70	68	70	67	68	67	67	69	69	63	59	63	65	67	66	69	65	66	67	66	66	64	64	63	59	66	68	62	65.0
MAKAPUU POINT 724	MAX	76	75	76	75	75	75	75	75	76	76	77	76	74	76	77	76	76	73	74	75	76	75	76	76	76	75	82	79	79	77	81	76.1
	MIN	70	66	71	66	67	69	69	67	65	67	67	68	66	68	68	66	66	68	66	69	67	66	68	65	69	64	67	66	69	67	71	67.4
OPAEULA 670	MAX	72	72	72	72	76	75	72	72	75	78	79	75	75	80	79	80	79	70	75	80	79	75	79	75	79	80	79	80	82	79	79	76.6
	MIN	60	62	63	63	67	66	62	62	61	65	63	61	62	63	62	63	63	62	63	62	63	63	63	62	61	63	62	63	62	63	64	63.7
PRI WAHIAWA 820.2	MAX	80	80	80	81	78	79	82	80	81	80	81	80	83	84	81	83	81	73	76	79	80	77	79	80	81	79	81	83	83	82	82	80.3
	MIN	62	63	63	62	62	64	62	64	64	64	64	63	62	60	57	61	64	64	64	65	63	64	62	64	63	62	60	61	59	63	64	62.5
WAIALEE 896.3	MAX	80	80	81	81	82	81	81	82		82	82	82	81		82	82	81	78		80	80	80	81	81	82	82	84	84	84	83	83	81.5
	MIN	67	67	65	67	69	67	67	69		67	65	69	68		67	68	69	68		68	65	66	67	68	68	67	68	69	71	70	72	67.7
WAIALUA 847	MAX	81	80	81	80	84	82	82	81	81	80	83	85	83	85	80	80	81	77	79	81	79	80	81	82	93	86	87	86	83	93	83	81.9
	MIN	61	64	63	62	64	67	66	63	65	64	63	66	63	62	59	61	66	66	67	68	67	64	61	62	62	66	66	66	64	64	61	63.9
WAIKIKI 717.2	MAX	83	81	83	83	84	84	83	83	83	84	84	84	82	84	84	84	83	81	81	83	83	83	84	84	84	83	83	83	85	84	84	83.3
	MIN	68	70	69	69	71	69	69	69	68	70	68	68	66	66	67	69	69	70	70	69	69	69	68	68	70	65	64	64	70	69	72	68.5
WAIMANALO EXP FARM	MAX	81	81	81	80	82	80	80	80	81	80	81	80	79	82	82	82	81	76	75	81	80	79	79	82	80	80	82	82	82	82	83	80.5
	MIN	65	70	68	70	70	67	69	70	65	66	67	67	65	65	63	65	67	68	69	67	68	68	69	69	70	68	64	65	67	70	73	67.5
* * *																																	
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	79	79	78	81	80	79	78	79	80	80	79	79	75	78	79	78	78	76	75	79	78	78	78	78	80	78	79	81	80	81	80	78.7
	MIN	65	66	68	65	68	68	67	68	66	67	67	67	68	66	66	68	65	67	68	69	67	69	66	68	68	66	63	63	69	69	70	67.0
* * *																																	
ISLAND OF LANAI																															
LANAI CITY 672	MAX	73	73	74	74			75	74	75	74	70	74	75	73	75	74	73	74	74		74	70	70	70	74			74	73	74	75	73.4
	MIN	60	63	62	62			63	60	65	63	60	65	64	63	62	63	63	62	64	64	62	62	60	62	60	63		60	64	64	65	62.5
* * *																																	
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	59	64	65	62	65	67	57	60	62	62	63	59	59	63	62	61	61	60	58	66	60	57	58	55	56	59	61	59	54	59	63	60.4
	MIN	55	45	40	44	45	36	40	42	44	38	37	42	38	40	37	40	42	46	40	44	45	42	43	43	38	40	40	38	43	41	45	41.7
HALEAKALA SUMMIT 338.4	MAX	57	56	53	54	54	56	52	51	52	54	58	52	51	55	56	58	56	58	58	58	54			60	51	57			59	51	54	54.7
	MIN	41	39	40	42	46	38	34	34	34	38	38	37	37	38	40	44	40	38	40	38	38			39	39	42			34	38	47	38.9
HANA AIRPORT 355	MAX	82	83	83	82			83	83	83	83	82			81	79	81	80	80			82	81	81	82	81	81	83		85	85		81.7
	MIN	67	66	66	70			66	66	67	65	66			62	65	64	68	67			66	67	66	67	72	73	63		67	68		66.7
KAANAPALI AIRPORT	MAX	82	82	81	82	81	82	82	82	81	83	82	80	79	80	80	80	80	78	80	80	81	81	81	82	83	83	80	82	83	84	84	82.3
	MIN	68	64	63	65	69	69	68	65	69	65	64	67	69	65	66	63	67	66	67	67	68	64	70	66	66	65	64	66	68	66	67	66.4
KAHULUI WSO 398 AP	MAX	82	81	83	84	80	80	83	84	83	81	80	80	81	80	81	80	81	81	81	81	80	83	82	82	83	83	82	84	84	83	83	82.7
	MIN	66	67	66	66	69	68	68	66	68	62	62	66	68	61	62	65	67	68	68	67	67	69	69	66	66	66	61	62	65	62	61	64.8
KAILUA 446	MAX	73	74	73	74	75	75	75	76	76	73	75	74	68	73	75	74	75	76	70	74	74	74	73	74	72	75	76	78	78	78	78	74.5
	MIN	62	64	63	65	65	64	64	65	64	64	64	64	65	59	62	61	62	62	64	63	64	65	65	64	65	63	66	64	64	64	66	63.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
KEAHOLE POINT 24.1	MAX	88	86	84	88	87	87	86	87	87	87	85	84	83	87	87	86	90	90	87	88	89	88	88	88	87	84	86	86	85	80	89	86.6
	MIN	70	70	69	71	69	71	71	71	72	73	72	73	72	72	72	71	69	69	70	71	71	72	71	73	72	69	72	73	68	70	72	71.0
KILAUEA MISSION 367	MAX	69	69	70	74	70	72	72	73	74	75	70	69	70	72	72	72	71	69	68	71	71	72	71	73	72	69	72	73	68	70	72	71.0
	MIN	53	52	53	55	56	54	53	55	55	57	57	56	56	54	56	54	55	57	58	57	58	58	56	57	58	56	57	57	57	55	57	55.8
LAHAINA 361	MAX	84	87	85	86	85	86	86	84	85	86	85	83	85	84	85	86	85	85	87	85	84	86	87	86	84	84	87	85	87	86	88	85.5
	MIN	61	61	63	62	62	61	62	62	65	63	62	63	62	60	61	60	64	65	63	64	65	63	62	63	63	63	63	63	64	63	63	62.6
MAILI K. 388	MAX	79	78	78	79			79	79	79	79	78			79	77	77	78	78			78	78	79	79	78			80	80	80	80	78.7
	MIN	66	66	66	68			67	68	67	68	69			63	66	66	66	66			66	67	68	68	68			64	68	70	70	67.0
• • •																																
ISLAND OF HAWAII																																
HAINA 2.4	MAX	78	76	78	77	78	77	76	79	73	79	79	80	77	79	80	78	80	77	77	77	79	79	79	79	79	79	79	80	81	77	80	78.2
	MIN	65	64	65	64	65	65	63	65	68	64	64	64	65	64	64	63	64	65	64	65	63	65	65	65	62	65	65	63	68	64	67	64.6
HAWAII VOLCANS NP HQ 54	MAX	61	61	64	66	67	66	66	66	63	63	66	68	69	69	68	64	63	63	65	62	61	67	66	62	61	69	64	68	67	69	69	65.3
	MIN	49	49	49	49	51	48	51	49	50	52	49	52	48	50	56	49	51	52	53	51	51	53	49	54	49	51	50	51	51	58	54	50.9
HILO WSO 87 AP	MAX	78	81	79	80	82	81	80	81	78	79	82	81	81	82	79	81	79	80	80	81	80	80	81	80	81	83	83	83	82	82	82	80.8
	MIN	64	65	64	65	66	65	65	64	66	63	63	64	64	63	67	68	67	68	66	64	65	66	64	67	62	67	63	64	65	65	66	65.0
KAINALIU 73.2	MAX	79	75	76	77	77	76	77	76	78	76	76	79	75	75	79	77	75	74	74	73	78	74	76	73	74	73	75	79	77	78	76	76.0
	MIN	59	58	60	59	61	60	59	58	58	62	58	59	59	62	62	59	61	61	62	61	60	60	60	60	61	57	60	58	61	61	63	60.0
KAMUELA 192.2	MAX	72	74	70	72	74	73	72	73	73	72	72	70	71	70	72	71	73	72	70	72	72	70	71	70	73	70	76	76	75	74	70	72.1
	MIN	55	54	50	54	55	57	55	54	57	56	55	53	50	54	56	57	54	57	57	55	57	56	57	55	58	57	54	54	55	57	58	55.3
KEAAU 90	MAX	76	77	77	77	78	79	78	78	79	76	77	78	79	78	78	78	78	77	77	77	79	79	77	79	77	78	79	79	79	78	80	77.9
	MIN	63	62	63	63	64	63	63	63	63	63	62	62	62	63	62	64	64	64	64	63	64	63	62	62	62	61	61	64	63	64	65	62.9
KEALAKEKUA 26.2	MAX																																
	MIN	59	60	60	60	58	58	60																									
KOHALA MISSION 175.1	MAX	76	75	76	75	77	76	75	77	77	79	77	76	71	78	79	78	78	76	75	76	78	77	78	78	78	78	81	81	80	78	79	77.3
	MIN	61	63	65	64	65	64	64	64	65	65	63	62	63	64	64	65	65	65	63	64	65	65	66	65	65	63	63	62	65	66	66	64.2
KONA HAILUAI 68.3	MAX	80	79	80	82			81	81	83	82	81																	83	81	82	82	
	MIN	67	66	65	68			68	69	68	69	69																	61	66	70	71	
KULANI CAMP 79	MAX	57	63	58	51	62	65	60	60	63	52	61		63	65	61	59	56	57	52	58	61	60	62	57	58	61	60	62	68	63	54	59.6
	MIN	48	43	40	43	43	43	48	43	46	45	45		43	45	47	48	48	49	50	46	48	49	45	50	47	45	45	45	48	49	46	46.1
MAUNA LOA SLOPE 085	MAX	56	58	58	55	51	47	47	53	52	52	50	49	52	50	53	54	57	60	62	54	56	46	45	48	48	52	50	43	49	48	53	51.9
	MIN	39	42	40	36	35	32	33	35	36	36	36	36	35	37	37	38	40	43	42	40	36	34	31	34	32	36	32	32	37	35	36	36.2
MOUNTAIN VIEW 91	MAX	70	70	71	72	74	74	74	71	76	69	73	76	76	76	75	70	75	70	73	73	73	74	73	73	70	76	76	76	73	73	76	73.3
	MIN	58	58	58	59	58	58	58	58	58	57	57	56	56	56	56	59	60	60	58	58	58	60	57	58	56	56	56	56	60	60	61	57.9
NAALEHU 14	MAX	74	77	75	78			80	80	80	74	78			79	78	77	78	78			77	79	78	79	76			80	79	78	80	78.0
	MIN	64	61	63	63			63	65	65	63	63			63	63	64	63	65			64	66	65	66	64			65	66	66	66	64.2
PAHALA 223	MAX	78	76	79	78	78	78	82	77	77	78	78	78	79	79	80	78	78	77	78	75	79	79	78	78	79	78	78	79	79	77	80	78.2
	MIN	63	63	63	65	64	64	63	63	64	66	64	64	64	64	64	63	63	64	64	65	64	64	64	64	66	65	64	67	67	67	68	64.4
PRIMIHALE 2 24.1	MAX	73	75	79	78	79	75	76	78	77	78	78	75	75	73	78	72	72	73	71	74	73	79	74	77	77	72	72	76	74	77	78	75.4
	MIN	57	58	57	59	59	58	56	59	59	57	60	60	61	59	57	58	62	61	63	58	59	60	59	59	59	59	59	58	60	62	62	59.2
PAHALA 21	MAX	75	78	81	80			81	80	80	75	79	79	77	78	79	79	80	79			79	80	79	78	79			81	77	78	79	78.8
	MIN	59	60	60	61			59	60	62	63	62	65	60	61	61	61	63	65			61	62	61	65	60			60	61	61	62	61.4
PUAKO 95.1	MAX	82	81	81	84	83	87	83	83	84	84	84	82	85	87	85	85	85	85	83	86	85	83	85	84	85	83	83	83	86	84	85	84.1
	MIN	68	68	65	68	69	70	70	66	70	70	64	68	67	67	67	68	71	72	72	72	70	71	70	71	69	70	67	67	73	70	73	69.1
SOUTH POINT 3SCG 159.1	MAX	80	86	79	80	81	80	81	80	81	81	81	81	82	81	81	82	81	80	73	78	80	82	81	81	81	84	82	84	85	84	82	83	81.2
	MIN	64	66	66	66	66	67	66	67	67	68	65	66	67	67	66	65	68	67	66	67	67	68	69	67	68	67	68	68	68	70	69	66.9
	MAX																																
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
* * *																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	93	92	91	94	91	91	92	90	93	92	92	91	90	91	93	90	90	88	94	91	92	89	91	90	91	91	91	92	94	91	92	91.4
	MIN	78	77	75	76	76	76	77	77	77	77	77	76	74	76	76	75	78	78	78	79	73	78	76	76	75	78	78	78	78	78	76	76.7
JOHNSTON WSO AP	MAX	80	80	80	80	80	80	80	80	80	8	82	81	81	82	81	81	80	81	81	80	80	81	81	82	81	80	83	82	82	82	8	80.9
	MIN	74	74	74	73	73	74	76	76	76	75	74	75	74	76	74	75	75	73	75	71	75	76	75	75	76	76	76	75	75	69	72	74.4
LEONE	MAX	91	92	90	90	90	90	91	90	89	89	90	88		91	87	85	87	86	87	88	86	87	80	88	84	85	88	90				88.3
	MIN	73	72	74	74	81	75	73	75	74	72	75	71		74	73	73	71	70	73	72	73	76	74	74	74	74	74	72				73.6
FRENCH FRIGATE SHOALS	MAX		83	79	79	83	83	81	82	82	83	83	83	81	83	79	82	82	80	81	81	81	82	83	83	83	83	84	82	85	82	81	82.0
	MIN		67	70	69	69	67	65	69	69	67	70	70	68	68	69	69	69	66	66	68	69	70	70	70	69	68	68	67	73	71	69	68.6
MIDWAY SAND ISLAND	MAX	76	81	81	79	79	79	79	79	79	79	76	72	77	76	77	79	80	77	80	80	80	83	83	82	81	82	77	77	77	77	81	78.9
	MIN	65	69	71	72	71	70	71	71	72	69	69	67	67	67	65	69	72	72	72	72	72	73	74	71	71	69	69	70	70	73	73	70.3
PAGO PAGO WSO AP	MAX	87	88	88	87	87	87	87	88	86	86	83	87	87	89	88	84	85	85	86	87	87	88	80	86	87	86	84	85	86	86	86	86.2
	MIN	74	72	74	78	80	79	80	80	75	73	75	76	76	75	74	78	78	76	75	80	80	77	76	77	77	74	74	74	79	76	76	76.3
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																
WESTERN PACIFIC ISL, NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	83	81	84	84	84	84	83	83	83	82	84	83	83	83	83	83	84	84	84	85	85	84	85	83	85	84	84	85	85	85	85	83.8
	MIN	77	77	76	76	76	77	77	75	78	76	77	77	77	76	76	77	76	78	78	78	78	78	75	77	78	78	79	76	77	77	76	76.9
CLARK AFB LUZON	MAX	99	97	99	97	99	99	97	95	97	97	99	95	99	97	93	93	99	93	97	97	99	100	100	99	100	99	97	97	97	97	99	97.5
	MIN	79	81	79	79	81	79	81	79	79	79	75	79	77	75	75	75	79	79	79	79	81	81	79	82	79	77	79	79	79	81	79	78.8
GUAM NAS	MAX	85	94	86	86	85	86	85	85	86	84	84	85	85	85	84	85	87	86	86	86	86	87	88	87	85	85	87	84	85	85	85	85.4
	MIN	78	77	77	77	76	77	77	77	76	76	78	78	78	77	77	77	78	78	78	78	77	77	76	77	79	79	79	78	75	79	77	77.3
GUAM WSO	MAX	87	85	87	87	88	88	88	88	88	85	87	87	87	87	87	88	88	89	89	89	89	89	89	89	89	88	88	86	86	86	87	87.5
	MIN	74	74	72	72	73	74	72	72	72	73	76	74	75	74	72	71	70	68	69	70	71	74	73	74	74	73	73	73	73	75	72	72.6
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	86	85	85	85	86	86	85	85	86	87	84	86	86	84	84	84	87	87	88	87	87	86	87	87	88	84	86	86	85	85	86	85.9
	MIN	74	74	74	75	75	74	72	72	71	74	70	75	75	75	74	75	75	76	76	75	76	75	75	76	76	74	74	74	71	74	76	74.3
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	87	87	88	88	88	87	87	88	88	88	89	89	87	88	88	88	88	89	88	88	88	87	89	87	87	87	88	88	88	88	88	87.8
	MIN	74	77	76	77	72	73		77	72	78	78	73	77	76		75	77	78	77	75		78		75	74	77		78	77	77		75.9
FALALOP I, ULITHI	MAX	86	87	84	84	86	87	87	86	87	85	88	87	86	87	86	86	87	89	86	86	82	86	86	87	88	89	89	84	84	84	86	86.2
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	88	90	86	89	90	91	88	88	89	89	90	90	90	90	90	89	89	86	89	91	88	90	83	91	90	89	88	89	89	86	87	88.8
	MIN	76	77	76	79	76	76	75	74	77	77	77	77	77	76	77	78	77	76	77	77	80	78	74	76	77	77	76	77	77	75	77	76.6
KWAJALEIN WSO AP	MAX	88	86	87	88	87	87	87	86	87	88	89	88	86	87	86	84	88	86	87	87	87	87	88	87	86	87	87	87	87	87	81	86.7
	MIN	80	74	77	79	79	77	77	78	78	80	79	79	78	72	75	73	79	80	80	77	80	77	76	79	76	77	77	76	75	76	75	77.3
LELE I, KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	85	82	84	86	86	85	82	82	86	86	82	85	83	85	85	86	82	86	86	86	87	83	86	84	85	82	84	81	85	86	83	84.5
	MIN	78	76	75	78	78	78	75	76	76	76	75	78	77	78	76	76	75	77	80	78	78	76	79	77	75	77	76	73	74	78	77	76.6
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	84	82	88	86	88	89	89	85	89	88	89	88	83	90	88	89	88	89	87	89	89	87	88	88	88	88	84	87	87	87	89	87.6
	MIN	74	74	76	75	75	79	77	72	74	73	77	73	79	76	73	74	77	76	76	75	76	76	75	75	75	75	76	75	75	77	76	75.4
TRUK, MOEN I, WSO AP	MAX	88	86	87	86	85	87	88	88	89	89	88	88	88	88	89	90	90	88	82	88	87	89	86	88	88	87	84	88	87	88	87	87.3
	MIN	77	76	77	76	78	80	79	78	77	77	74	79	78	78	77	79	79	77	74	78	78	78	77	76	74	75	75	78	76	77	74	77.1
WOLEAI ATOLL	MAX	89	90	89	89	90	90	88	90	90	90	90	89	90	90	91	89	91	90	89	91	89	89	90	90	89	89	88	89	88	90	87	89.5
	MIN	73	75	74	75	75	73	76	77	70	70	71	75	77	76	75	75	77	73	73	75	74	74	76	74	75	74	73	75	74	75	75	74.3
YAP WSO AP	MAX	89	89	86	88	89	88	85	89	87	88	89	89	88	89	88	89	90	85	87	88	89	88	89	89	89	89	89	88	88	87	87	88.1
	MIN	76	75	76	78	76	76	76	78	75	73	75	75	76	77	76	77	78	74	76	73	79	80	78	76	78	77	76	75	75	77	74	76.2
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time 150TH MERIDIAN 02	08	14	20	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	26	E	29	-	70	69	88	0	13	4	1	1	0	19	67	-
HILO, HAWAII, WSO AP	29	0.7	6.3	18	NE	04	93	86	73	88	3	9	14	4	1	0	31	44	8.2
HONOLULU, OAHU, WSO AP	6	12.9	14.3	29	NE	29	73	67	54	67	11	10	2	0	0	0	23	66	5.6
JOHNSTON ISLAND WSO AP	8	18.4	18.8	34	E	17	78	76	71	76	9	14	2	0	0	0	25	72	7.3
KAHULUI, MAUI, WSO AP	5	14.1	14.8	32	E	31	81	71	56	74	7	6	2	0	0	0	15	75	4.9
KOROR WSO AP	-	-	-	24	E	08	87	-	78	75	0	10	9	3	4	0	26	65	8.5
KWAJALEIN WSO AP	7	12.5	13.1	33++	10	31	85	83	77	82	3	9	8	5	1	0	26	-	9.1
LIHUE, KAUAI, WSO AP	4	12.9	13.9	24	E	20+	88	81	69	84	2	16	7	0	0	0	25	61	6.8
MAJURO WSO AP	-	-	-	29	E	22	84	85	81	82	2	5	12	5	4	1	29	56	8.7
PAGO PAGO WSO AP	12	5.8	7.9	27	E	23	87	89	77	85	2	6	9	2	1	1	21	25	8.4
PONAPE WSO AP	-	-	-	19	NE	14+	87	-	79	80	1	3	13	7	4	1	29	61	8.8
TRUK, MOEN I, WSO AP	-	-	-	22	SE	25	85	-	79	81	4	5	12	5	2	0	28	48	9.3
WAKE WSO AP	8	14.1	15.1	26	E	29+	80	83	65	68	7	8	6	0	0	0	21	81	4.5
YAP WSO AP	-	-	-	24	E	31	83	-	76	73	4	11	8	1	2	0	26	70	7.1

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.26	.26	.28	.38	.26	.44	.33	.35	.33	.32	.31	.20	.35	.36	.27	.40	.41	.42	.30	.33	.31	.32	.40	.37	.39	.33	.22	.10	.49	.34	.35	10.18
	WIND	207	240	246	230	219	231	251	222	233	207	184	126	131	118	110	166	222	301	300	264	277	237	235	224	203	138	78	75	181	194	214	6264
	MAX	85	81	83	84	86	86	84	85	87	85	87	87	88	87	85	82	84	84	77	85	83	84	84	86	88	86	85	86	88	87	87	85.0
	MIN	65	65	66	65	66	65	65	65	67	67	66	65	63	61	62	61	64	65	65	65	66	66	65	66	67	63	56	62	64	66	67	64.5
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.29	.29	.33	.30	.34	.31	.30	.30	.26	.25	.30	.23	.30	.22	.23	.34	.17	.19	.32	.24	.24	.30	.34	.27	.30	.25	.27	.19	.34	.34	8.75
	WIND	19	26	34	33	29	28	22	21	18	17	18	14	16	19	17	15	35	24	36	48	37	35	41	46	41	37	31	27	31	37	41	893
	MAX	92	89	89	93	94	90	93	93	91	92	93	92	93	93	87	89	94	85	90	92	88	92	94	94	90	94	90	97	90	96	96	91.8
	MIN	66	66	66	66	66	67	66	66	67	67	69	66	66	65	62	65	66	67	66	66	68	68	67	67	68	67	67	67	68	68	68	66.6

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
[illegible]	EVAP	.32	.43	.39	.39	.36	.44	.40	.39	.45	.38	.33	.33	.33	.45	.52	.44	.36	.36	.34	.29	.42	.48	.40	.41	.39	.42	.36	.34	.26	.32	.24	11.74
	WIND	129	547	270	296	248	271	273	262	302	225	153	206	246	254	280	239	244	229	261	207	237	251	259	255	264	196	192	215	183	181	222	7617
	MAX	88	88	86	86	88	86	87	87	86	88	91	91	90	91	89	88	88	89	89	88	88	88	87	88	88	91	91	92	92	92	93	88.8
	MIN	71	71	71	71	71	70	71	70	71	71	70	71	70	71	70	70	71	71	70	71	72	71	71	71	72	72	73	73	72	72	72	71.1
WESTERN PACIFIC U.S. NORTH OF 12 N																																	
GUAM WSO	EVAP	.27	.38	.27	.33	.33	.33	.33	.21	.26	.27	.20	.26	.24	.30	.23	.24	.18	.27	.30	.23	.31	.24	.26	.33	.16	.25	.19	.21	.33	.14	.34	8.14
	WIND	134	149	133	131	139	149	123	105	123	122	83	97	118	108	69	65	31	42	61	63	100	116	130	98	66	83	75	101	127	159	179	3279
	MAX	82	88	91	91	92	93	93	91	93	87	94	92	92	94	84	94	89	95	94	92	92	92	92	96	93	95	95	90	89	89	92	91.5
	MIN	72	71	70	71	72	73	72	71	71	74	74	74	72	72	73	72	74	74	73	73	72	72	74	74	75	75	75	73	74	73	73	72.8

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE HAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20		5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULUA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25	8A	8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775	A	6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		9A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4		0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PJU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE ORS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830		7A		C	KAHUA RANCH

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46S	171 43W	8	8A	7P		J	USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
□ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
□CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 8/30/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

-][Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

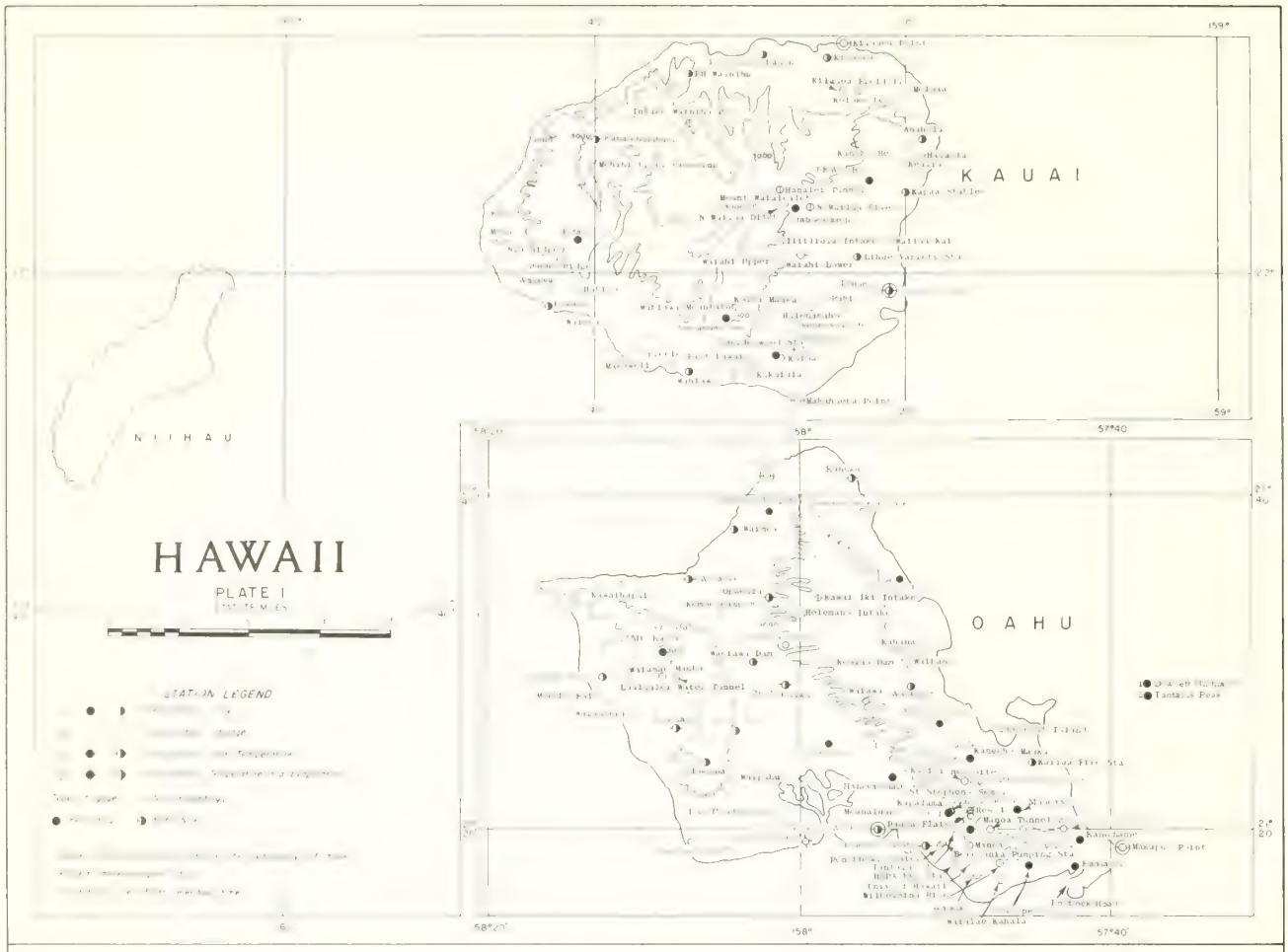
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

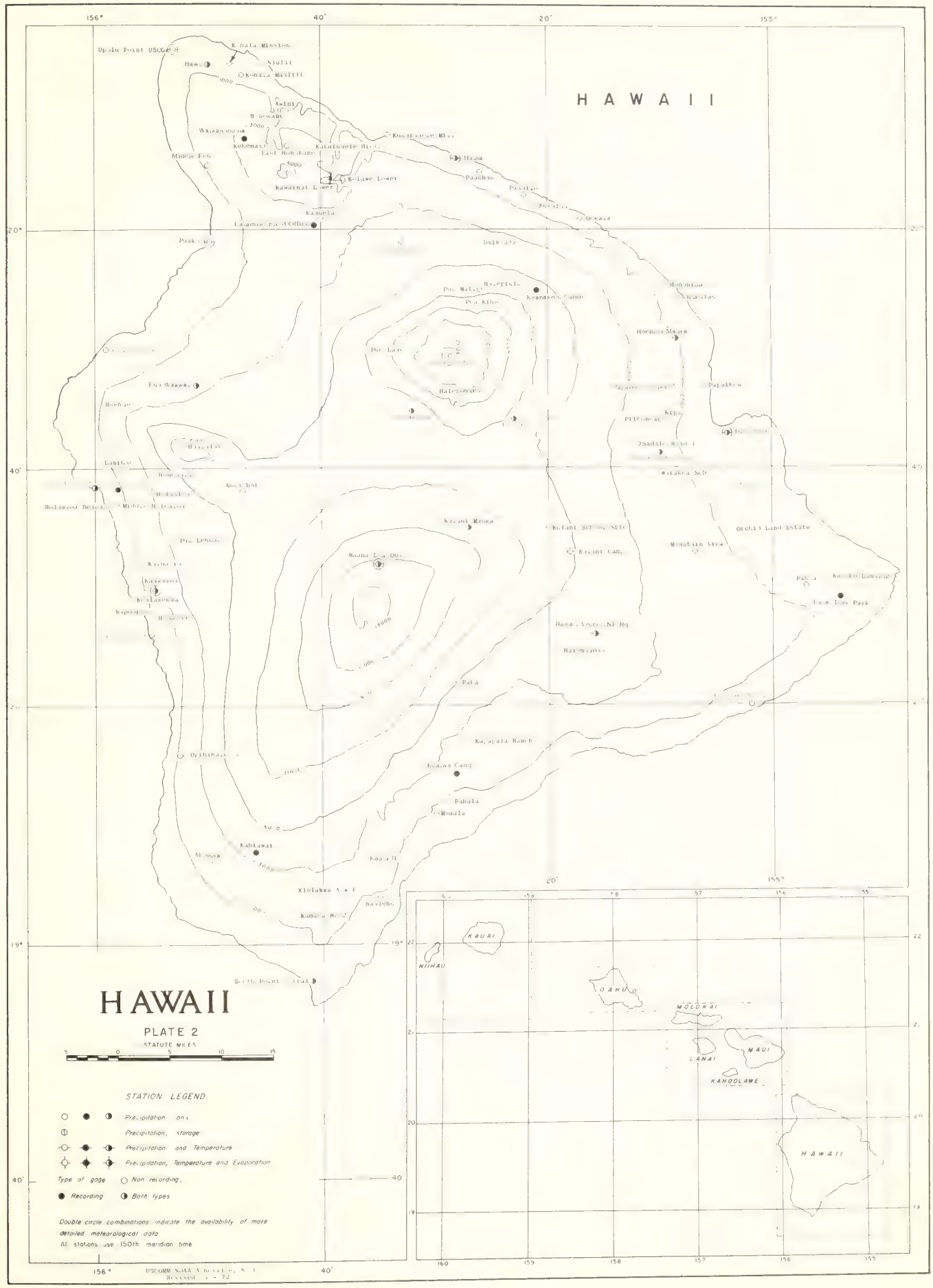
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

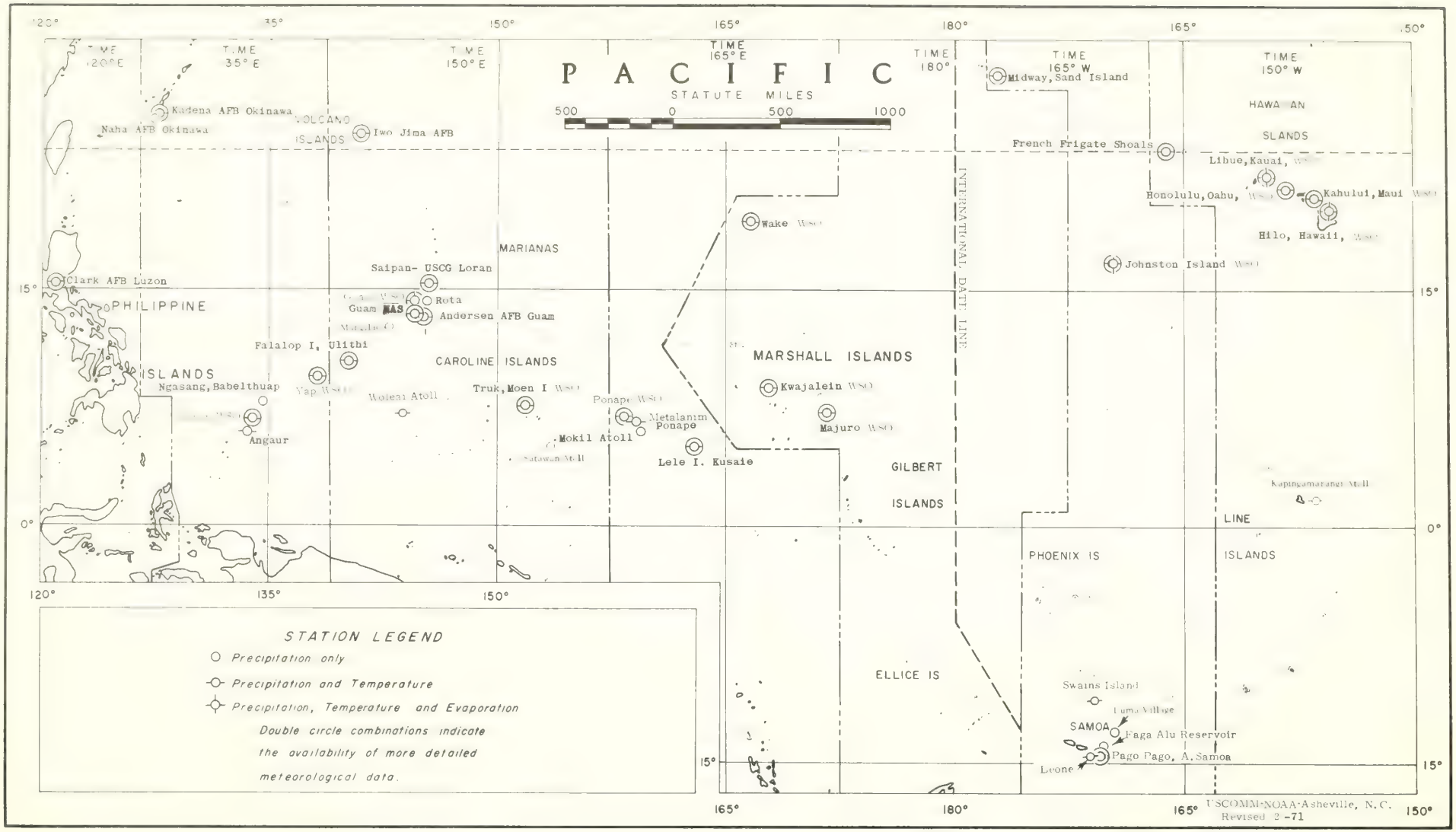
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

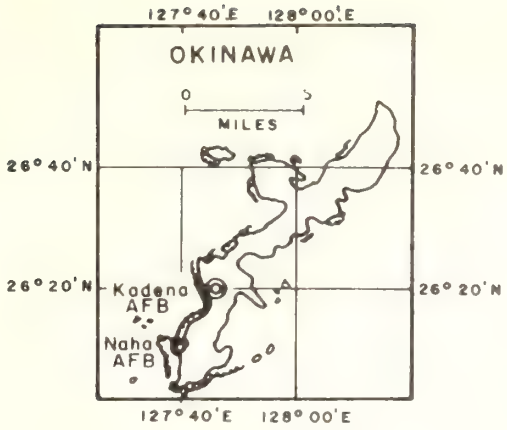
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

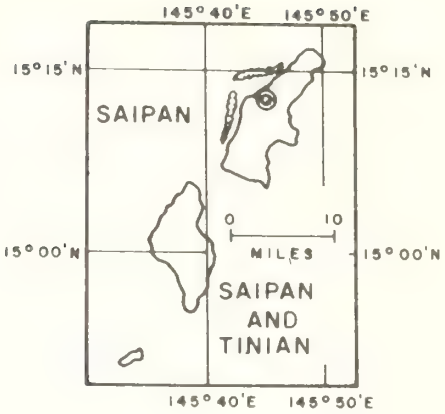
William H. Hoggard
Director, National Climatic Center

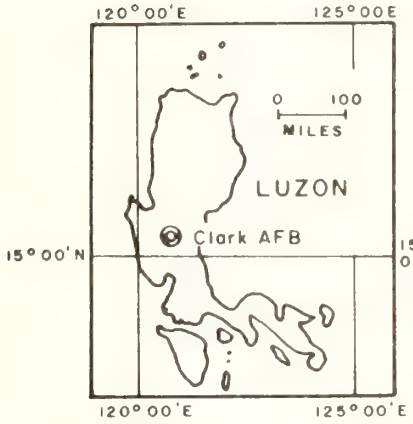

KAUAI
NIIHAU
HAWAII
PLATE I
STATION LEGEND
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE

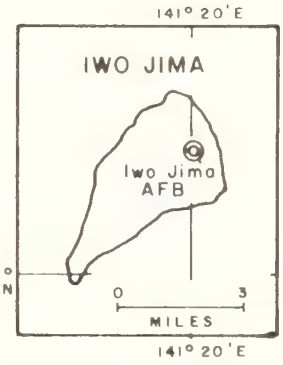

HAWAII
HAWAII
PLATE 2
STATUTE MILES
5 0 5 10 15
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non recording.
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
156°
40'
20'
155°
20°
19°

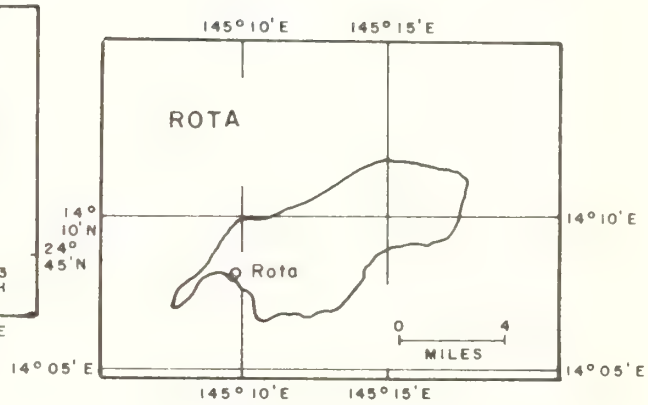

P A C I F I C
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
Kadena AFB Okinawa
Naha AFB Okinawa
VOLCANO ISLANDS
Iwo Jima AFB
Midway, Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue, Kauai, WSO
Honolulu, Oahu, WSO
Kahului, Maui WSO
Hilo, Hawaii, WSO
Johnston Island WSO
Wake WSO
INTERNATIONAL DATE LINE
MARIANAS
Saipan- USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Rota
Guam NAS
Andersen AFB Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO
Woleai Atoll
Truk, Moen I WSO
Ponape WSO
Metalanim
Ponape
Mokil Atoll
Lele I. Kusaie
MARSHALL ISLANDS
Kwajalein WSO
Majuro WSO
GILBERT ISLANDS
Kapingamarangi Atoll
LINE ISLANDS
PHOENIX IS
ELLICE IS
Swains Island
Fumi Village
SAMOA
Faga Alu Reservoir
Pago Pago, A. Samoa
Leone
120° 135° 150° 165° 180° 165° 150°
15° 0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 2-71

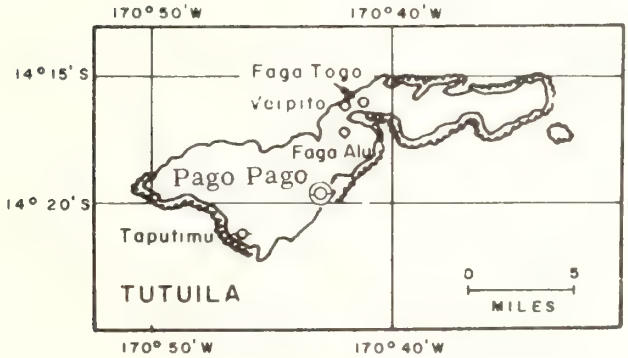

127°40'E
128°00'E
OKINAWA
0
5
MILES
26°40'N
26°20'N
Kadena AFB
Naha AFB

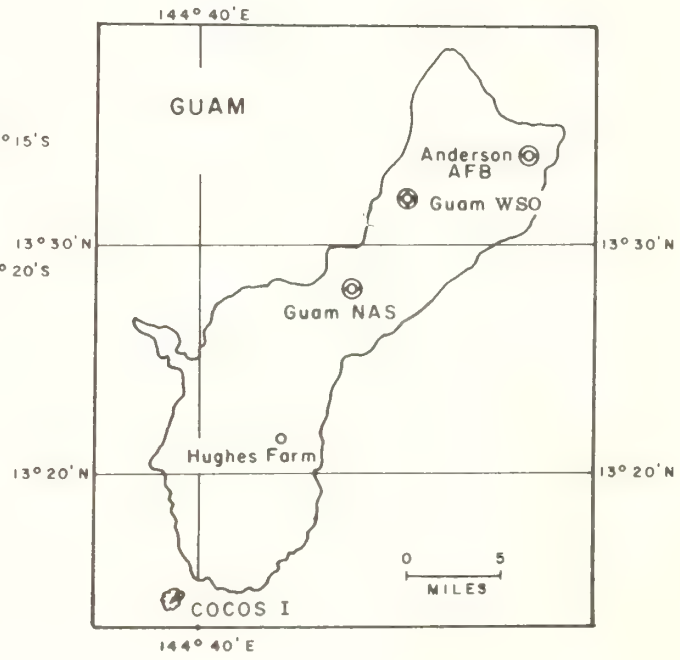

145°40'E
145°50'E
15°15'N
15°00'N
SAIPAN
0
10
MILES
SAIPAN AND TINIAN


120°00'E
125°00E
0
100
MILES
LUZON
Clark AFB
15°00'N

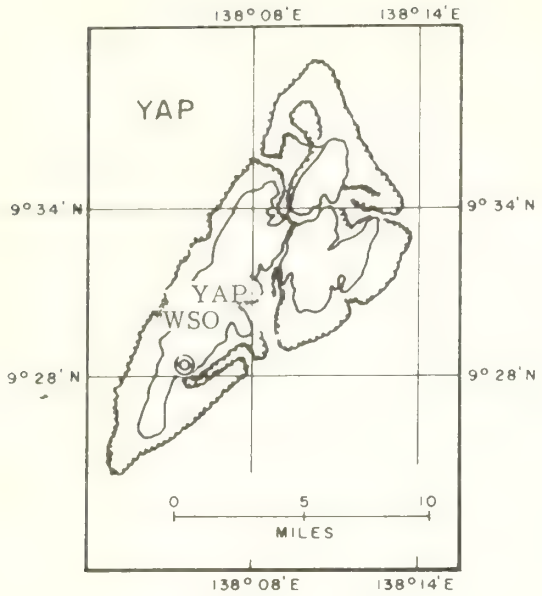

141°20'E
IWO JIMA
Iwo Jima AFB
0
3
MILES
24°45'N

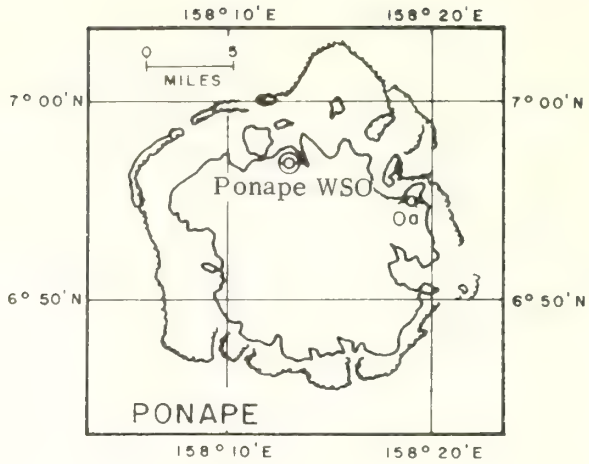

145°10'E
145°15'E
ROTA
Rota
0
4
MILES
14°10'N
14°05'E

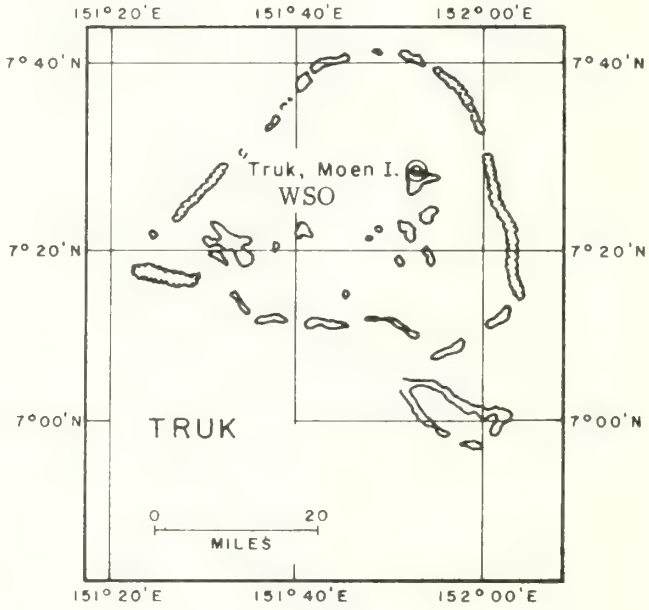

170°50'W
170°40'W
14°15'S
14°20'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
Taputimu
TUTUILA
0
5
MILES

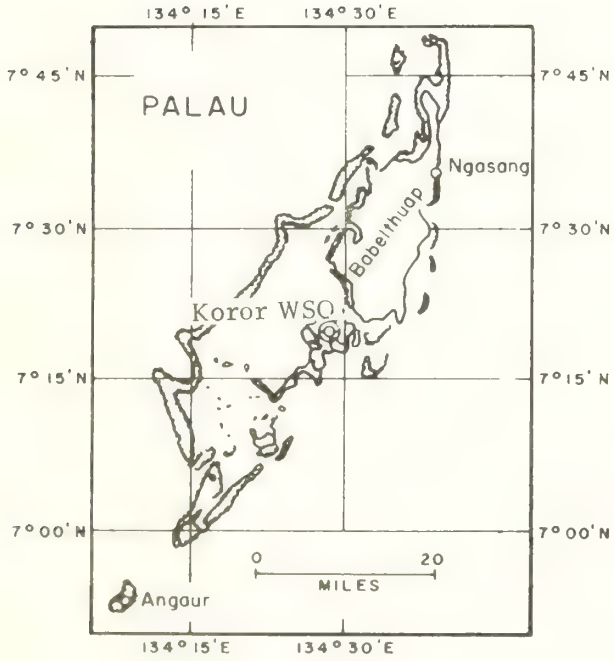

144°40'E
GUAM
Anderson AFB
Guam WSO
13°30'N
Guam NAS
Hughes Farm
13°20'N
0
5
MILES
COCOS I

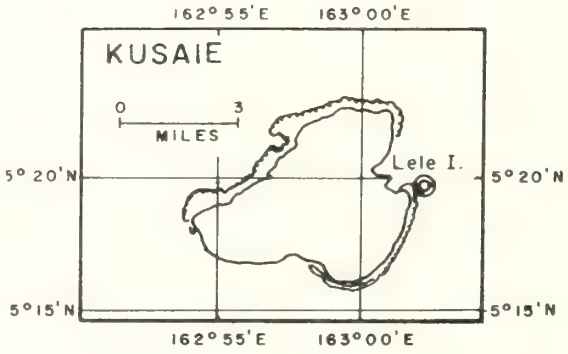
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
YAP
WSO
0
5
10
MILES

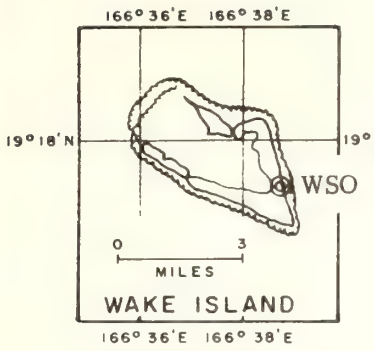

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
PONAPE

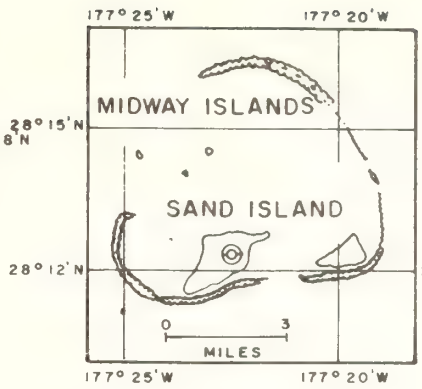

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO
TRUK
0
20
MILES

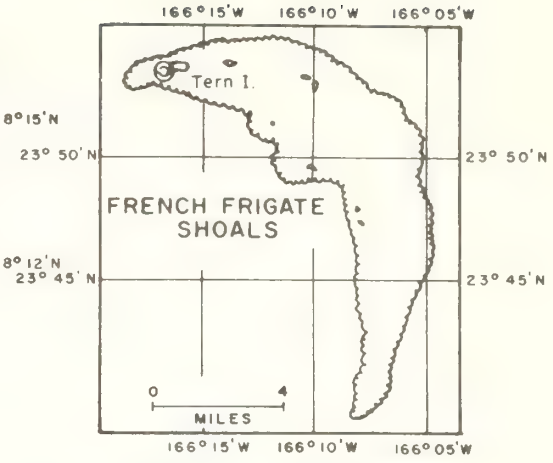

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Angaur

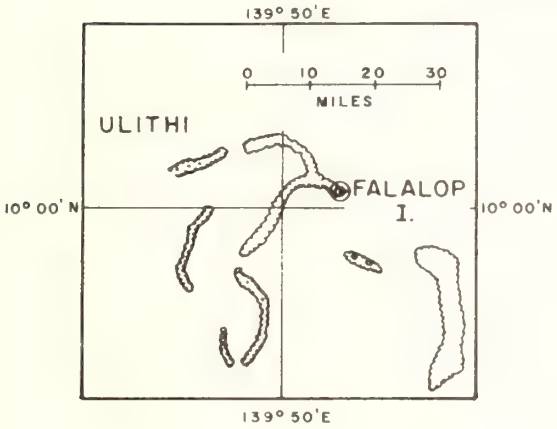

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

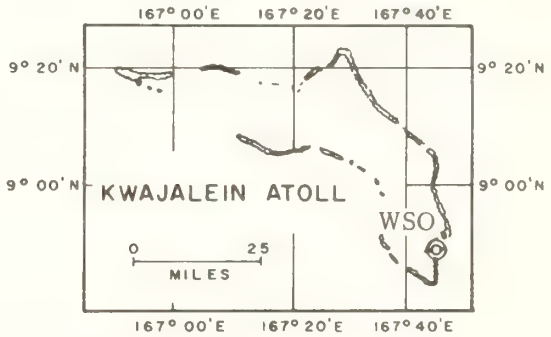
— Reef

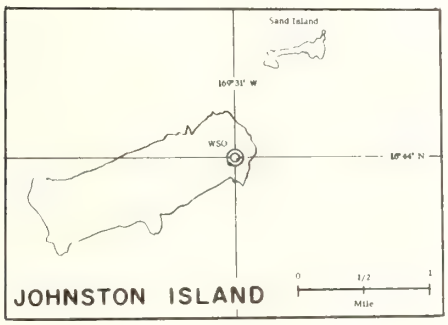

166° 36'E 166° 38'E
19° 18'N
WSO
0 3
MILES
WAKE ISLAND

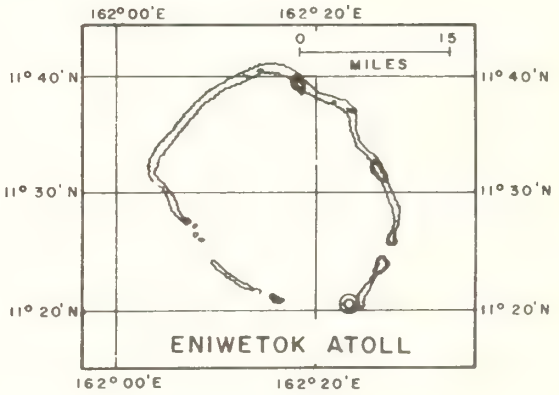

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

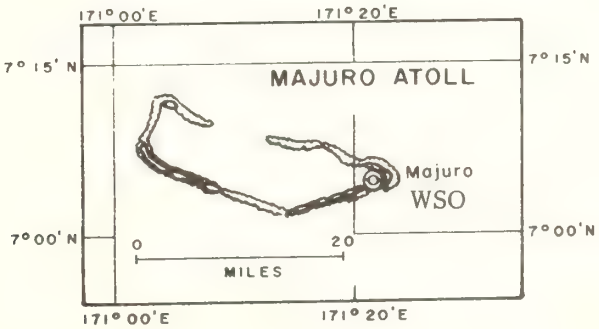

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0 25
MILES


Sand Island
169° 31' W
WSO
16° 44' N
JOHNSTON ISLAND
0 1/2 1
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0 20
MILES

U.S. DEPARTMENT OF COMMERCE
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FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
92° ON THE 24TH AT LUALUALEI 804, OAHU

LOWEST TEMPERATURE:
33° ON THE 2D AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
20.23 INCHES AT MOUNT WAIALEALE 1047, KAUAI

LEAST TOTAL PRECIPITATION:
.00 INCHES AT 27 STATIONS

GREATEST ONE DAY PRECIPITATION:
4.92 INCHES ON THE 16TH AT MOUNT WAIALEALE 1047, KAUAI

JUNE
1973

lume 69

No. 6

eville, N.C.



MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature											Precipitation								
										No. of Days							Snow, Sleet			No. of Days		
										Max.		Min.										
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														.72	- .93	.17	1	.0	0		0	0	
KANALOHULUHULU 1075		71.5	52.3	61.9		76	17	43	24+		0	0	0	0	.96		.50	30	.0	0		1	1	0
KAPAA STABLES 1104	A														.85				.0	0			0	0
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		81.3	70.4	75.9		88	25	64	13		0	0	0	0	.99		.15	15	.0	0		4	0	0
KOLOA 936	A														2.87	- .82	.63	14	.0	0				0
LIHUE WSO 1020.1 AP	//R	82.5	72.2	77.4	.8	86	28	68	22		0	0	0	0	.51	- .95	.12	30	.0	0		1	0	0
MANA 1026		85.3	66.2	75.8	- .9	87	29+	64	22+		0	0	0	0	.07	- .57	.07	17	.0	0		0	0	0
N WAILUA DITCH 1051	A														6.04				.0	0				
PH WAINIHA 1115															3.38	- 2.60	1.17	14	.0	0				
PUEHU RIDGE 1040															.00		.00		.0	0		0	0	0
WAHIAWA 930															1.29	- .03	.33	14	.0	0			0	0
WAIAHI LOWER 1054		79.9	64.8	72.4		84	28	60	24+		0	0	0	0	4.31		.73	17	.0	0		14	1	0
WAIMEA 947															.00	- .28	.00		.0	0		0	0	0
ISLAND				72.7											1.69				.0					
* * *																								
ISLAND OF OAHU																								
HONOLULU OBSERV 702.2															.07		.03	14	.0	0		0	0	0
HONOLULU WSO 703 AP	R	86.3	72.1	79.2	1.3	90	28	67	27		1	0	0	0	.09	- .24	.03	4	.0	0		0	0	0
KANEOHE MAUKA 781		81.0	70.6	75.8	- .1	83	29+	68	7+		0	0	0	0	1.98	- .96	.63	14	.0	0		6	1	0
KOOLAU DAM 833	A														8.35	.13	2.00	14	.0	0		13	4	3
LUALUALEI 804	A	85.0	66.6	75.8		92	24	56	7		1	0	0	0	.29		.14	13	.0	0		1	0	0
MAKAPUU POINT 724		78.0	68.7	73.4		84	27	66	29		0	0	0	0	.37	- .13	.08	13	.0	0		0	0	0
NUUANU RES 4 783															5.74	- 1.41	1.98	16	.0	0		14	3	1
OPAEULA 870		78.8	65.2	72.0	.4	82	28+	62	24		0	0	0	0	1.50	- 1.10	.70	14	.0	0			1	0
PALOLO VALLEY 718	R														6.76	- 2.03	1.78	16	.0	0		16	4	2
PRI WAHIAWA 820.2	A	81.8	65.3	73.6		88	26	61	27+		0	0	0	0	1.37		.45	14	.0	0			0	0
WAHIAWA DAM 863	A														1.27				.0	0				0
WAIAHOLE 837	A														3.61	- 4.39			.0	0				
WAIALEE 896.3		84.0	69.8	76.9		87	29+	67	7+		0	0	0	0	1.22		.32	14	.0	0		2	0	0
WAIALUA 847		84.1	67.1	75.6	.3	88	18	60	22		0	0	0	0	.27	- .45	.11	5	.0	0		1	0	0
WAIKIKI 717.2		85.0	70.0	77.5		87	28+	65	27		0	0	0	0	.23		.08	14	.0	0		0	0	0
WAIMANALO EXP FARM		82.9	70.8	76.9		86	27	67	27		0	0	0	0	.67		.18	5	.0	0		1	0	0
WAIPAHU 750	A														.09	- .51			.0	0			0	0
ISLAND				75.7											1.99				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														.30	- .37	.11	12	.0	0		2	0	0
MAPULEHU 542															.61	- 1.58	.10	28+	.0	0		3	0	0
MAUNALOA 511	A														.29	- .46	.18	18	.0	0		1	0	0
MOLOKAI AP 524		81.0	69.1	75.1		83	26+	65	21		0	0	0	0	.19		.10	4	.0	0		1	0	0
ISLAND				75.1											.35				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	76.4M	63.1M	69.8M	- .3	78	29+	60	18+		0	0	0	0	.42	- 1.00			.0	0			0	0
ISLAND				69.8											.42				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														.87	- 1.91	.29	13	.0	0		3	0	0
HALEAKALA RS 338		68.7	49.0	58.9		78	26+	38	4		0	0	0	0	.01		.01	17	.0	0		0	0	0
HANA AIRPORT 355		82.5M	68.5M	75.5M		86	29	63	1		0	0	0	0	2.50		.55	16	.0	0			1	0
HONOKOHAU 493	A														1.75	.07			.0	0				0
KAANAPALI AIRPORT		83.0	68.3	75.7		85	29+	66	21+		0	0	0	0	.07		.03	14	.0	0		0	0	0
KAHULUI WSO 398 AP	R	84.1	67.7	75.9	- 1.3	88	28	61	21+		0	0	0	0	.08	- .10	.02	5+	.0	0		0	0	0
KAILUA 446		75.9	65.7	70.8	- 1.1	79	29	64	29+		0	0	0	0	5.01	- 2.56	.95	16	.0	0		11	4	0
KEANAE 346	A														7.30	- 6.47			.0	0				
KIPAHULU 258															3.43	- 4.33	.65	17	.0	0		12	1	0
KULA SANATORIUM 267		73.0	56.6	64.8	- .1	75	30+	55	29+		0	0	0	0	.04	- 1.65	.03	17	.0	0		0	0	0
LAHAINA 361		86.7	64.2	75.5		89	28	62	13		0	0	0	0	.00	- .06	.00		.0	0		0	0	0
PAIA 406															.51	- .68	.13	5	.0	0		2	0	0
WAILUKU 386		81.0M	68.8M	74.9M	- 1.5	83	29+	67	26+		0	0	0	0	.11	- .23	.06	20	.0	0		0	0	0
ISLAND				71.5											1.67				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		80.1	66.9	73.5	.5	83	28+	62	30		0	0	0	0	1.06	- .86	.31	17	.0	0		4	0	0
HAWAII VOLCNS NP HQ 54		67.8	53.1	60.5	- 1.5	71	27+	49	27		0	0	0	0	3.18	- 1.35	1.14	17	.0	0		7	1	1
HILO WSO 87 AP	R	82.2	66.9	74.6	.3	84	28+	65	20+		0	0	0	0	3.69	- 3.10	.96	16	.0	0		13	1	0
HUEHUE 92.1	A														.65	- 3.85			.0	0				0
KAINALIU 73.2		75.6	61.5	68.6		81	17+	60	30+		0	0	0	0	1.96	- 5.99	.24	4	.0	0		11	0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation									
											No. of Days								Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KEAAU 92		79.3	64.9	72.1	- 1.6	81	30+	61	16		0	0	0	0	5.22	- 2.64	1.07	17	.0	0		17	1	1
KEALAKEKUA 26.2		M	M	M							0	0	0	0	V 3.68				.0	0				
KONA (KAILUA) 68.3	A	M	M	M		87	26	67	18+		0	0	0	0	.56				.0	0			0	0
KUKUIHAELE HIC 199															.88	- 2.16	.25	17	.0	0		3	0	0
KULANI CAMP 79		64.1	45.9	55.0		72	24	39	26		0	0	0	0	1.69		.90	17	.0	0		3	1	0
PAHALA 21	A	80.6M	62.7M	71.7M	- .5	84	20+	61	21+		0	0	0	0	.30	- 1.03			.0	0			0	0
POHAKULOA 107	A														.34				.0	0				
PUAKO 95.1	A	84.5	69.9	77.2		88	26	66	23		0	0	0	0	T		T	29+	.0	0		0	0	0
PUU WAAWAA 94.1	A														.72	- 1.40			.0	0				0
UMIKOA 118															.48	- 1.22			.0	0			0	0
WAIAKEA SCD 88.2															6.69		2.75	17	.0	0		14	2	1
ISLAND				69.2											1.94				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature											Precipitation									
										No. of Days							Snow Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Min. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																								
* * * EAST OF 180TH MERIDIAN																								
CANTON ISLAND	R	91.1	77.6	84.4	.6	93	12	75	22+		26	0	0	0	.34	- 2.31	.17	22	.0	0		1	0	0
FAGA ALU RESERVOIR															10.58		1.80	29	.0	0		19	9	3
JOHNSTON WSO AP	R	82.4	76.1	79.3	- 1.0	84	19+	72	16		0	0	0	0	.66	- .18	.22	21	.0	0		3	0	0
LEONE		86.2	73.2	79.7		90	25+	69	14+		2	0	0	0	V16.28		2.24	15	.0	0				3
FRENCH FRIGATE SHOALS		84.2M	71.3M	77.8M		89	25+	67	17		0	0	0	0	.39		.14	16	.0	0		1	0	0
LUMA VILLAGE															5.91		1.62	28	.0	0		11	4	1
MIDWAY SAND ISLAND		82.3	73.7	78.0		84	24	70	17		0	0	0	0	.33		.17	17	.0	0		1	0	0
PAGO PAGO WSO AP	R	85.0	75.7	80.4		88	25+	71	14		0	0	0	0	6.09		1.43	23	.0	0		11	4	2
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.1	77.3	80.7		86	14+	74	16+		0	0	0	0	4.02		1.63	2	.0	0		9	1	1
CLARK AFB LUZON		91.9	76.5	84.2		100	9+	73	21+		25	0	0	0	7.45		1.31	20	.0	0		17	6	2
GUAM NAS		86.9	78.0	82.5		90	24	73	2		1	0	0	0	3.57		.85	2	.0	0		9	2	0
GUAM WSO	R	86.7	73.6	80.2	.0	88	24+	68	18		0	0	0	0	4.85	- 1.02	1.38	2	.0	0		14	1	1
MANGILAO															5.50		1.65	3	.0	0		14	1	1
ROTA															6.22		.75	2	.0	0		19	4	0
SAIPAN USCG LORAN		89.6	76.2	82.9		93	9	70	22+		20	0	0	0	1.63		.44	16	.0	0		5	0	0
WAKE WSO AP	R	87.5	75.6	81.6	.2	89	29+	72	16		0	0	0	0	1.95	.05	.92	16	.0	0		5	1	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															15.22		3.06	10	.0	0		19	10	6
ENIWETOK		87.3	76.2M	81.8M	- 1.0	90	17	72	26		1	0	0	0	3.41	.04	1.42	13	.0	0		8	2	1
FALALOP I, ULITHI		87.0M	81.3M	84.2M		89	17+	76	14		0	0	0	0	8.01		1.07	11	.0	0		15	7	1
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	88.9	76.4	82.7	1.6	92	21	74	28		11	0	0	0	13.78	.80	2.56	14	.0	0		19	9	4
KWAJALEIN WSO AP	R	86.4	77.7	82.1	.7	89	15	73	4		0	0	0	0	8.60	- .08	1.77	23	.0	0		16	5	3
LELE I, KUSAIE		87.2	74.9	81.1		90	29	72	19+		1	0	0	0	8.08		1.60	5	.0	0		16	7	1
MAJURO WSO AP	R	85.0	76.5	80.8	.5	87	27	73	20+		0	0	0	0	12.23	- .61	2.08	18	.0	0		19	8	5
METALANIM																			.0	0				
MOKIL ATOLL															10.84		1.33	14	.0	0		14	10	7
NGASANG, BABELTHUAP																								
PONAPE WSO	R	87.5	75.0	81.3	1.2	90	17+	71	20+		2	0	0	0	23.40	6.70	3.79	14	.0	0		22	14	8
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I, WSO AP	R	87.5	77.2	82.4	1.7	90	24	74	28+		1	0	0	0	10.31	- 1.56	1.80	11	.0	0		18	7	3
WOLEAI ATOLL		89.1	73.5	81.3		90	29+	70	23+		11	0	0	0	8.69		1.62	16	.0	0		17	6	1
YAP WSO AP	R	87.6	75.8	81.7	- .2	90	21	74	27+		1	0	0	0	12.35	1.63	2.28	18	.0	0		18	10	5

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																															
* * *																															
ISLAND OF KAUAI																															
ANAHOLA 1114	A	.72	.17	*	*	.04		.03	.33		*	*	.10	.15	.03		.05	*	*	.10		.02								*	
BRYDESWOOD STA 985	A	3.19	.18	*	*	.34	.04	.01	.18	.20	*	*	.30	.22	.16	.49	.21	*	*	.63	.03									*	
EAST LAWAI 934	A	3.19	.09	*	*	.34	.04	.02	.13	.25	*	*	.19	.40	.16	.62	.19	*	*	.60	.12	.02	.02							*	
ELEELE 927	A	.90	.03	*	*	.07			.05	.10	*	*	.08	.24	.03	.11	.06	*	*	.13	T									*	
HALAULA 1110	A	.81	.15	*	*	.07	.05	.04	.04	*	*	.10	.10	.03			.05	*	*	.15		.03								*	
HALENANAHO 1006	A	2.22	.05	*	*	.24	.05	.02	.12	.15	*	*	.19	.42	.17	.15	.14	*	*	.46	.06									*	
HUKIPO 945		.60																													
ILILILULA INTAKE 1050	A	6.71	.60	*	*	.50	.02	.02	.38	.60	*	*	.98	.40	.42	.80	.42	*	*	1.42	.03	.01	.05	.06						*	
INTAKE WAINIHA PC 1086	A	5.79	*	*	*	.97	*	*	*	.67	*	*	.26	*	*	2.99	.24	*	*	.67	*	*	*	.03						*	
KANALOHULUHULU 1075		.96				.05		.01	.03	.05				.04	.04	.04	.03	.05	.07			.03		.01					.01		.80
KANEHA RESERVOIR 1092	A	1.96	.10	*	*	.15	.07	.05	.10	.04	*	*	.40	.21	.07	.05	.20	*	*	.35	.05	.05	.07							*	
KAPAA STABLES 1104	A	.85	.08	*	*	.18	.07	.02	.05	.02	*	*	.04	.10	.10		.05	*	*	.06	.05		.03							*	
KEALIA 1112	A	.56	.10	*	*	.06	.03		.02		*	*	.03	.11	.07		.05	*	*	.06	.03									*	
KEKAHA 944		.00																													
KILAUEA 1134	A	1.17				.09	.02	.05		.06	*	*	.12	.12	.08	.12	.06	*	*	.32	.11		.02							*	
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		.99	.03	.02		.02	.02	.04	.08	.03		.08	.05		.02	.10	.15	.03	.04	.10	.01								.07	.10	
KOLO 1033		.07																	.07												
KOLOA 936	A	2.87	.04	*	*	.37	.10	.03	.10	.24	*	*	.13	.30	.15	.63	.16	*	*	.38	.24									*	
KOLOA MAUKA 994	A	3.39	.05	*	*	.31	.15	.04	.18	.23	*	*	.26	.54	.21	.37	.30	*	*	.61	.06	.04	.04							*	
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUKUIULA 935	A	1.09		*	*	.19	.03	T	.02	.06	*	*	.07	.14	.09	.24	.10	*	*	.11	.04		T							*	
LIHUE VARIETY STA	A	1.52	.08	*	*	.20	.04		.13	.03	*	*	.09	.10	.04	.13	.11	*	*	.40	.06	.03	.03							*	
LIHUE 1020	A	.69	.06	*	*	.08			.07	.01	*	*	.09	.14	.05	.02	.02	*	*	.10	.04	.01								*	
LIHUE WSO 1020.1 AP	//R	.51		T	.06	T	T	.01	.06	.05		.02	.03	.03	.04	.02	.01	.06	T	T	T	T				T			T	.12	
MAKAHUENA POINT 940.1		1.19				.03		.04	.06	.05		.01	.01	.2	.06	.39	.09	.10	.15											.08	
MAKAWELI 965	A	.20				.01			.02	.02	.01	.01		.05		.01	.02	.05													
MANA 1026		.07																	.07												
MOHIHI UPR CROSS 1083	A	2.07			.17	.09			.09	.09			.09	.26	.34	.34	.17	.09												.34	
MOLOAA 1145	A	.59		*	*	.13			.05		*	*	.19	.06			.06	*	*	.10										*	
MOUNT WAIALEALE 1047	R	20.23	1.18	.12	.98	.67	.39	.83	1.10	1.02	.08	.55	.89	1.14	1.57	2.08	.87	4.92	.43	.16	.08	.08								1.42	
NIU RIDGE 1035		.00																													
N WAILUA DITCH 1051	A	6.04	.39	*	*	.50	.28	.03	.41	.28	*	*	.39	.20	.26	.55	.61	*	*	2.01	.07	.02	.02		*	*	.02				*	
PH WAINIHA 1115		*	.03	*	*	.21	.06	.06	.15	.12	*	*	.18	.40	.10	1.17	.33	*	*	.44	.10	.01	.02								*	
PRINCEVILLE RANCH 1117		*	.16	*	*	.15	.03	.07			*	*	.16	.09	.07	.25	.12	*	*	.49	.09	.02									*	
PUEKU RIDGE 1040		.00																													
PUHI 1013	A	1.50	.09	*	*	.15	.04		.09	.11	*	*	.16	.33	.07	.08	.09	*	*	.15	.08	.04	.02							*	
RESERVOIR 6 1004	A	2.64	.06	*	*	.33	.03		.10	.20	*	*	.28	.41	.21	.27	.12	*	*	.52	.07	.02	.02							*	
WAHIAWA 930	A	1.29	.04	*	*	.15	.01		.06	.11	*	*	.09	.21	.09	.33	.09	*	*	.10	.01									*	
WAIAHI LOWER 1054		4.31	.34	.05	.17	.15	.11	.06	.19	.26	.23	.03	.04	.27	.25	.17	.42	.30	.73	.06	.08		.01							.39	
WAIAHI UPPER 1052		5.43	.40	.20	.28	.30	.02	.02	.33	.40	.10	.10	.12	.15	.30	.65	.20	.65	.70	.02	.01			.03						.45	
WAIAWA 943		.00																													
WAILUA KAI 1065	A	.92	.04	*	*	.07	.02	.04	.03	.06	*	*	.05	.12	.03	.04	.06	*	*	.21	.09	.02	.04							*	
WAIMEA 947		.00																													
WEST LAWAI 931	A	1.19		*	*	.14	.02		.08	.11	*	*	.08	.17	.08	.28	.10	*	*	.10	.03		T							*	
* * *																															
ISLAND OF OAHU																															
BERETANIA PUMPING STA		.46	.01			.15	.10		.01						.05	.08				*	*	.02							T	.04	
CAMPBELL IND PK 702.5		.02		T				T					T			.02			T												
CAMP 84 807	A	.49		*	*	.05	*	*	.07	*	*	*	.06	*	*	.16	.02	*	*	.13										*	
CHURCH COLLEGE LAIE		2.35	.21	.09	.03		.03		.07	.04	.03	.09	.16	.07	.09	.20		.27	.06	.03		.01	.03	.07	.21	.32			.03		.21	
COCONUT ISLAND 840.1		.65		.04	.01	.03	.08	.01	.09				.01		.04	.18	.01	.02	.06	.02		.03								.05	
EWA PLANTATION 741		.12		*	*	.03					*	*	.03			.02		*	*	.04											
HELEMANO INTAKE 881	A	2.48	T	*	*	*	*	*	*	*	*	*	*	*	*	*	1.05	*	*	1.32	*	*	.11								
HONOLUA 725.2	A	1.09	*	*	*	*	.13	*	*	*	*	*	*	*	*	*	*	.85	*	*	*	*	*		*	*	*	*	.02	*	*	*
HONOLULU OBSERV 702.2		.07				.02	.01		T							.03		.01											T		
HONOLULU WSO 703 AP	R	.09	T	T	.01	.03	T	T	.01	T	T	T	.01	T	.01	.01	T	.01		T	T	T	T							T	T	
HONOLULU SUBSTA 704	R	.16			.03	.06									.05	.02															
H S P A EXP STA 707		.47	T			.10	.08		.01			.01	.02		.04	.10	T	.01	.03		.02	.01							T	.04	
KAENA POINT 841.3		1.02				.10	.11	.04	.12	.01			.08	.05	.05	.12		.01		.31		.01							.01	T	
KAMANA 883	A	8.77	*	*	*	1.93	*	*	*	*	*	*	.62	*	*	*	*	*	*	4.80	*	*	*	*	*	*	1.42	*	*	*	*	*
KAMUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		1.21			.04	.06		.25		.09		.02	.05	.01	.02				.35		.01	.01	.01					.11			.18	
KALIHI RES SITE 777	R	5.30	.06	.02	.10	.26	.20	.26	.14	.02	.02	.02	.12	.06	.60	.44	.02	1.44	.12	.02	.28	.06	.04	.14	.02				.06		.10	.68	
KANEOHE MAUKA 781		1.98	.01	.07		.06	.20	.02	.10	.02	.01	.01	.04	.11	.12	.63	.06	.07	.30		.05	.07							.01		.02	
KAPALAMA 773	A	1.60	.08	*	*	.13	.25	.10	.05	.09	*	*	*	.08		.10	.04	*	*	*	*	.68									*	
KAWAIHAPAI 841	A	.47		*	*	.02	.10		.08		*	*	.01			.09		*	*	.20	T											
KAWAI IKI INTAKE 880.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEMOO CAMP 8 855	A	.73	.01	*	*	.02	.06		.09	.10	*	*	.07	.01		*	.22	*	*	.15												
KOOLAU DAM 833	A	8.35		.04	.09	.29	.48	.42	.38	.06	.06	.14	.20	.18	1.07	2.00	.09	.86	.18		.22	.01	.08							1.50	
LUALUALEI 804	A	.29							.02	.02				.04	.14			.04												.03	
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.03				T	T	T	T						T	T		T	.02									.01				
MAKAHA PUMP 800.2	A	.05																.05														
MAKAPUU POINT 724		.37				.06		.03	.01			.05	.03		.08	.06								.05								
MANOA 712.1		2.58	.02		.02	.14	.36		.09	.04	.02		.10		.17	.65	.18	.11	.37		.07	.12								.12	
MANOA TUNNEL 2 716	R	8.82	.04	.02	.08	.74	.36	.24	.24	.02	.02	.08	.16	.16	1.38	.58	.06	2.24	.30	.02	.48	.06	.02	.12		.06			.02		.22	1.12	
MOANALUA 770		.94	.03				.25		.05	.02	T	.01	.01	.01		.28	.05	.07	.02		.01	*	.02								.11	
NUUANU RES 4 783		5.74			.04	.38	.20	.14	.18	.04	.04		.14	.12	.86	.42	.60	1.98	.30	.02	.20	.02	.04	.12			.02		.02		.10	.90	
NUUANU RESERVOIR 5 775	A	3.66	.50	*	*	.42	*	.20	.56	*	*	*	*	.30	*	1.20	*	*	*	.05	*	*	*	*	*	*	.02	*	*	*	*	.45	
OPAEULA 870	A	1.50	T			T	.02		.32		*	*	.27	.07	.16	.70	.12	*	*	.06	.04	T	T			T					.04	
PALI GOLF COURSE 788.1		2.18	.02	.05		.19	.13	.07	.15	.02	.04	.09	.06	.02	.17	.27	.07	.40		.06		.14	.02	.10							.21	
PALOLO VALLEY 718	R	6.76			.12	.62	.26	.14	.14	.06	.04	.04	.14	.14	1.16	.16		1.78	.22	.06	.34	.10		.10		.04		.02	.04		.16	.88	
PAUOA FLATS 784	R	12.62	.06	.02	.10	.92	.32	.52	.40	.02	.12	.06	.30	.30	2.38	.82	.02	3.64	.28		.38	.06	.12	.14	.02	.06		.02			.20	1.34	
PORTLOCK ROAD 724.4		.49			.03	.03	*	*	.05		T	.08	*	*	.16	.05	T	.05													.01	.03	
PRI WAHIAWA 820.2	A	1.37		*	*	.14	.11	.02	.17	.10	*	*	.10	.01	.01	.45	.20	*	*	.06													
PUNCHBOWL CRATER 709	A	.77				.17	.14	.01	.05	.02		.01	.03	.01	.05	.16	.04	.01	.03		.01	.01									.02	
ST STEPHENS SEM 788		1.71				.20	.23	.06	.04	.05	T	.08	.04	.04	.11	.19	.04	.09	.37		.03	.02	T	.01	.02						.09	
TANTALUS 2 780.5		6.33	.01	.04	.01	.34	.96	.04	.39	.13	.01	*	*	.33	.51	1.56	.05	.46	.80		.16	.11	.07							.02	.27	
UNIV OF HAWAII 713	A	.57	T	*	*	.12	.13	T	.01	T	*	*	*	.03	.02	.18	T	*	*	.05	.14	.03								T	.04	
UPPER WAHIAWA 874.3		5.01	.04	.03	T	.01	.14	.09	.49	.35	.19	.17	.16	.21	.27	1.68	.33	.25	.15		.07	.02	.08			T					.28	
WAHIAWA DAM 863	A	1.27	.01	*	*	.02	.07		.10	.04	*	*	.05	.03	.07	*	.75	*	*	.12	.01											
WAIAHOLE 837	A	3.61		*	*	.14	.31	.03	.20	.09	*	*	.19	.06	.10	.85	.13	*	*	.89	.14	.02	.02	.01	*	*	.27			.16		*	
WAIALAE KAHALA 715		.52			T	.05	.10	.01	.03			.05	T		.04	.13		T	.04		T	.04									.03	
WAIALEE 896.3		1.22		.02	.01	.03	.04	.03	.09		.06	.09	.06	.08	.06	.32		.09	.16		.04										.04	
WAIALUA 847	A	.27	T			.01	.11		.02	T		.02		T	T	.03		.05	.03		T											
WAIANAE 798.2	A	-	T	T		T			T	T						T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIANAE MAUKA 803	A	6.26	*	.01	*	*	*	.12	*	*	.78	*	*	*	.35	*	*	2.40	*	*	*	.27	*	*	.36	*	*	*	1.40	*	*	.57	
WAIAWA 836	A	7.47	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.47	
WAIKANE 885	A	5.30	*	*	*	.69	*	*	*	*	*	*	.87	*	*	*	*	*	*	1.78	*	*	*	*	*	*	1.98	*	*	*	*	.02	
WAIKIKI 717.2		.23				.04	.05					.02			.02	.08		T			T	T										
WAIMANALO EXP FARM		.67				.09	.18	.01	.05	.01		.04	.05		.06	.08		.01	.05			.04										
WAIMEA 892	A	2.17		*	*	.20	.08	.04	.13	.10	*	*	.25	.04	.20	.46	.22	*	*	.35	.07		.03								*	
WAIPAHU 750	A	.09									*	*	.02			.02		*	*	.05											.14	
WILHELMINA RISE 721	R	1.34			.08	.14	.14	.04	.02	.02		.02	.02	.02	.28	.10		.16	.02		.08	.04	.02									

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	.61	.02			.03	.02	.32			.66					.09					.12	.07	.04		.09	.03				.02		
KAUNAKAKAI 596	A	.30																														
KEONELELE PENS 55.	A	.71	*	*	.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.21	*	*	*	*	*	*	*	*	*	*	*	
KUALAPUU 534	A	.30					.10		.01					.11	.06	.02																
MAPULEHU 542		.61		.10		.10					.05						.07	.05	.04					.02				.08		.10		
MAUNA DA 811	A	.29		*	*	.08	.03													.18												
MOLOKAI AP 924		.19				.10	.04	T	.01					T	.02	.02																
PUUOMOA RANCH 540..		1.13	.01						.05			.01	.10	.08	*	.47	.05	.11			.12	.06			*	*	.02				.05	
WAIKOLU 542	A	3.64	*	*	*	*	.57	*	*	*	*	*	*	.95	*	*	*	*	*	*	*	2.03	*	*	*	*	*	.09	*	*	*	*	
* * *																																
ISLAND OF LANAI																																
KANEPUU 690	A	.13																*	*	*	*	*	.13									
KAUMALAPAU HARBOR 648	A	.00																														
LANAI CITY 672	A	.42					.01	T	.01							.07		*	*	.15	.01				*	*	.02	T	T	.02	T	.13
LANAIMALE 684	A	.83	*	*	*	*	*	*	.12	*	*	*	*	*	*		.30	*	*	*	*	*	.16	*	*	*	*	*	*	.25	*	*
MANANA 694	A	.00																														
MALAPEA 676	A	T																					T									
WAIAKEAKUA 685	A	.15															T	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.15
* * *																																
ISLAND OF MAUI																																
ANWAHI-252	A	.23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.14	*	*	.09	*	*	*	*	*
HALEAKALA B E S 434	A	.87			.02	.07	.12	.02	.02	.03				.03	.29	.20		.03	.04													
HALEAKALA RANCH 432	A	.00																														
HALEAKALA RS 338		.01				T													.01											T		
HALEAKALA SUMMIT 338.4	A	.00																														
HALIIMAILE 423	A	.30		*	*	.02	.04	.03		.01				.01	.07	.07			*	.05												
HAMAKUAPOKO 485		2.10		.07	.05	.13	.45	.11	.17	.17	.01		.01	.05	.17	.26	.05	.17	.17		.04	.01				.01						
HANA 354	A	1.96	.02		*	.27	.07	.16	.11	.04	.02	*	.04		.24	.22	.28	.36	*	.03	.06			.04								
HANA AIRPORT 355		2.50	.05	.10	*	.25	.04	.21	.23	.10		*	.08	.08	.19	.31	.03	.55	.09			.11	.01			.01	.01	T	.05			
HANAMULI 281		3.15	.05	.32	.18	.10	.09	.09	.25	.08	T		.04	.05	.49	.10	.02	.42	.23	.05	.20	.17		.10	.04	.02				.06		
HOLUA CABIN 259.5	A	1.10	*	1.09	*	*	*	*	*	*	*	*	*	*	T	*	*	*	.01	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOKOHAU 481	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00
HONOKOMOA 493	A	1.78			*	.21		.02	.05			*	.02		.20	.21		.20	*	.80	.04	*	*	*	*	*	*	*	*	*	*	
HONOMANU GULCH 341	A	.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40
KAANAPALI AIRPORT		.07					.02		T	T					.01	.03			.01													
KAMOMA INTAKE 374	A	3.10	*	*	*	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.10
KAMULOI WSO 398 AP	R	.08		.01	.01	.02	.02		T			T	T	.01	.01																	
KAILILI 436	A	3.03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.03	*
KAILUA 446		5.01	.06	.08	.08	.45	.27	.16	.54	.12	.03	*	.04	.05	.48	.57	.04	.95	.67		.11	.06	.01	.12	.04	.04						.04
KAJAULA INTAKE 375	A	1.60	*	*	*	.48	*	*	*	*	*	*	.86	*	*	*	*	*	*	.29	*	*	*	*	*	*	.27					
KEAHUA 410		.00																														
KEANAE 346	A	7.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.30
KEAWAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIHEI 311		.00																														
KIPAHOLE 258		3.43	.08		.40	.20	.22	.12	.23					.38	.40	.26			.65		.11	.10		.07				.07		.14		
KULA HEIGHTS 323.2		.11																	.11													
KULA SANATORIUM 267		.04	.01																.03													
LAHAINA 361		.00																														
LAUNIUPOKO INTAKE 376	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00
LAUNIUPOKO VILLAGE 372	A	.00																														
LUPI UPPER 442	A	6.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.01	*
MAHINAHINA 466	A	.86					.10		.08						.08	.08			.52													
NAKALELE -FLD 80-497	A	.90	*	*	*	.25	*	*	*	*	*	*	.13	*	*	*	*	*	*	.32										*	*	*
OLINDA 332	A	.30		*	*	.01	T									T	T	*	*	.29		T								T		
OLOWALU 296		.00																														
PAAKEA 350		8.75	.08	.08	.03	.77	.44	.46	.49	.36			1.16	.36	.66	.65	.05	.83	1.77		.11	.12	.10	.11	.08			.01		.01	.02	
PAIA 406		.51		T	.06	.02	.13	.04	.01	.11	.01			.01	.06	.05	T		.01													
PANILEIHULU 259.2	A	1.45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.45	*
POHAKEA BRIDGE 307.2	A	.00																														
POLIPOLI SPRINGS 267.2	A	.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90
PUOHOKAMOA 2 343	A	9.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.00	*
PUUNENE 396		.00																														
SPRECKE SVILLE 400.2		.16			.02	.01	.07			.02					.02	.02																
TWIN GATES 261.3	A	.00																														
UKULELE 333	A	.32	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.32
UKUMEHAME 301	A	.00																														
UUPALAKUA RANCH 250		.02																		.02												
WAIHOLI 364	A	.04														.04																
WAIEHU CAMP 484	A	.56	*	*	.13	*	.28	*	*	*	*	*	*	*	.12	*	*	*	.02	*	*	*	*	*	.01	*	*	*	*	*	*	*
WAIHEE VALLEY 482	A	1.65	*	*	.26	*	.40	*	*	*	*	*	*	*	.10	*	*	.15	.56	*	*	.09	*	*	.09	*	*	*	*	*	*	*
WAIKAMOI 449	A	7.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.30
WAIKAMOI DAM 330	A	4.95	.03	*	*	.71	.39	.25	.20	.15	*	*	*	.17	1.07	.46	.05	*	*	.75	.12	.16	.03	.08			T	T	T	.27	.01	.05
WAIKAPU 390	A	.04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.04										
WAILUKU 385	A	.11		*	*	.02	.01								.02							.06										
WAIOPAI RANCH 286	A	.03																							*	*	.03					
* * *																																
ISLAND OF HAWAII																																
AMUA IKI 75	A	.95	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.95
AWINI 282..	A	10.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.40	*
CITY OF REFUGE 27.4		.62	.08	*	.03	.01	T			T	T		T	T					.15	.30			.05						T	T	T	
EAST HONOKANE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HAINA 214		1.06		.05	.05	.02	.17										.02		.31		.18		.12	.09		.05						
HAKALAU 142		3.71		.26	.08	.14	.91	.04	.05	.18			.06	.04	.20	.24	.05	.22	.81		.05		.28	.21	.10	.02				.10	.07	
HALEMAUMAU 56	A	.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.43
HALEPUA 417	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEPOHAKU 111	A	T																T														
HAWAII VOLCANO NP HQ 54		3.18		.05	.06	.12	.07	.01	.25	.08	.03	T	.04	.01	.08	.07	.07	.33	1.14	.20	.21	.02	.02	.06		.02	.03		.01	.18	.02	
HAWI 168	A	1.28	.04	*	*	.05	.05	.07		.08	*	*	.03		.05	.05	.01	*	*	.72	.03			.05					.01	T	.04	*
HILO COUNTRY CLUB 86.A		6.93	.09	.15	.21	.02	.17	.02	.13	.42	.03	T	.09	T	.27	.26	.19	.46	3.01	.24	T	.11	.06	.22	.09	.10	T			.56	.03	T
HILO WSO 87 AP	R	3.69	.20	.04	.10	.23	.11	.15	.29	.01	.01	.02	.04	.27	.24	.09	.13	.96	T	.03		.03	.08	.14	.04	T		T	.01	.04	.22	.21
HOLUA DA 70	A	2.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.80	*
HOLUA DA BEACH 68	A	1.10	*	*	*	.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	*
HONAUNAU 27		2.79	.19	*	*	.44			.06		*	*	.20			.25		*	*	.79	.50	.09	.15		.10			.04				
HONOHINA 137		3.87		.23	.14	.18	.31	.05	.08	.27			.04	.04	.24	.27	.03	.20	1.03	.08	.05		.11	.14	.09	.02				.11	.11	.05
HONOKANE 18..1	A	5.42	*	*	*	*	*	*	*	5.42	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOMU MAUKA 138		7.96	.08	.34	.47	.11	.48	.14	.17	.62	.04		.12	.14	.35	.34	.12	.64	2.53	.15	.01		.07	.37	.10	.13	.03			.05	.14	.22
HONUAULA 71	A	.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90	*
HUALANI 72	A	.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.20	*
HUEHUE 92..	A	.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.58	.07	*	*	*	*	*	*	*	*	*	*	*	*
KAALA IKI 42	A	2.31									*	*	*	*	*	*	.03	*	*	*	*	*	*	1.97	*	*	*	*	*	*	.31	*
KAAWALOA 29	A	2.05	.18	*	*	.17	.01		.01		*	*	*	.29				*	*	1.18	.03	.02	.02	T	*	*	.07	.07				*
KAINALIU 73..		1.96	.10	.01	.20	.24			.11		.07	.17	.01		.12		T	.17		.16	.10	.14	T	.08	.08	.01	.10	.03			.03	.03
KALAPANA NO 1 67.8		2.58			.01	.02	T	T	.05	.06		.02	.01	.02	.28	.10	.01	.57	.74	.29	T			.07						.25	.05	
KAMAOA NO 2 5	A	2.48	*	*	.50	*	*	*	*	*	*	.02	*	*	*	*	*	*	1.34	*	*	*	*	*	*	.40	*	*	*	*	*	.12
KAMUE A 192..		.86	.10	.06		.02	.03	.01		.13					.03			.28	.18					.02								
KAPAPALA RANCH 36	A	1.61	*	*	.80	*	*	*	*	*	*	*	*	*	*	*	*	*	.33	*	*	*	*	*	*	.45	*	*	*	*	*	.03
KAPOHO LANDING 93.5	A	6.04	2.24	*	*	*	*	*		1.08	*	*	*	*	*	*	.98	*	*	*	*	*	*	1.15	*	*	*	*	*	*	.59	*
KAWAINUI LOWER 193	A	5.13	1.30	*	*	*	*	*	*	.50	*	*	*	*	*	*	.25	*	*	*	*	*	*	2.50	*	*	*	*	*	*	.58	*
KEAAU 92		5.22	.10	.25	.13	.21	.18	.10	.31	.25	.06	.10	.06	.07	.33	.40	.41	.33	1.07	.08	.06		.08	.26	.10	.02				.08		.18

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		3.66	*	*	*	*	*	*	*	*	*	*	*	2.20	.03																		
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.32	.76	.07	.01	.05	*	.05	*	.03	.12	*	*	*	*	
KIOLAKAA A & F 6	A	3.29	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.29	*	
KIPA 89.2	A	8.99	.09	.28	.33	.14	.31	.04	.22	.25	.06	.03	.03	.01	.45	.19	.39	.52	3.60	.51	.01	.15	.10	.25	.04	.07	.05			.80	.07		
KOHALA MAULILI 176	A	2.30	.06	*	*	.15	.08	.15	.02	.24	*	*	.10		.05	.04	.08	*	*	1.20	.05			.04	*	*	.02				.02	*	
KOHALA MISSION 175.1		1.82	.04	.06	.08	.02	.08	.03	.02	.10		.02	.02		.06	.06	.03	.15	.85	.01	.05		T	.04	.02		T		.02			.06	
KOIAWE LOWER 196	A	2.49	.80	*	*	*	*	*	*	.35	*	*	*	*	*	*	.10	*	*	*	*	*	*	1.05	*	*	*	*	*	*	.19	*	
KONA (KAILUA) 68.3	A	.56						.08			*	*	.07					*	*	.40				*	*	*	.01						
KONA VILLAGE 93.8		.02														.02																	
KUKAIAU 222		1.24	.03	.03		.18								.01	.11	.10	T	.64	.01			.01	.01	T	.06						.05	
KUKUIHAELE MIC 199		.88		.06	.06	.04	.20								.04				.25		.04			.11		.08						
KUKUIHAELE MILL 206	A	.51		*	*	.02	.08	.01									.02	*	*	.12	.11	.01	.01	.12	*	*	.01				*		
KULANI CAMP 79		1.69	.03	.02	.07	.03	.03		.05	.04						.02		.25	.90	.09			.02	.02						.11	.01		
KULANI MAUKA 76	A	.25		.10														.15															
KULANI SCHOOL SITE 78	A	2.54	*	1.15	*	*	*	*	*	*	.10	*	*	*	*	*	*	.31	*	*	*	*	*	*	.90	*	*	*	*	*	*	.08	
LANIHAU 68.2		2.98	.11			.11			.19	.10		.03	.31	.05	.08	.31	.06	.03	.04	.76	.63		.03				.14						
MAKAHALAU 103		.00																															
MANUKA 2	A	1.15															.30	*	*	.25	.50			T	*	*	.10				*		
MAUNA KEA OBS 111.2		.00																															
MAUNA LOA SLOPE 085		.00																															
MIDDLE HOLUALOA 68.1	A	.30	*	*	*	.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
MIDDLE PEN 147.1	A	.00																															
MOAULA 18	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
MOUNTAIN VIEW 91		6.12	.10	.21	.11	.17	.18	.05	.28	.35	.03	.06	.05	.02	.33	.18	.32	.71	2.31	.19	.02	.01	.04	.10	.06	.01				.11		.12	
NAALEHU 14	A	2.02																.12	1.41	.19	T	.05		.09		.05	.04		T	.07			
NAPOOPOO 28	A	.92	*	*	*	.36	*	*	*	*	*	*	*	.10	*	*	*	*	*	.40	*	*	*	*	*	*	.06						
NIULII 179	A	.93	.05	*	*	.05	.12	.02		.09					.03	.01		*	*	.40	.09			.05	*	*	.02					*	
OOKALA 223		1.93	T		.19	T	.17	T		.03	.03			.25	.05	.02	.02		1.02	T		T		.01		.14						
OPIHIHALE 2 24.1		1.56			.03						T	.02			.20	T	.11	.04	.24	.67	.02	T	.03	.03	T	.03	.11	T				.03	
ORCHID LAND EST 91.5	A	5.82	1.33	*	*	*	*	*	*	.89	*	*	*	*	*	*	1.58	*	*	*	*	*	*	1.60	*	*	*	*	*	*	.42	*	
PAAUHAU 217		.88		*	*	.08	.11											*	*	.33	.14		.10	.10	*	*	.01				.01		
PAAUILO 221		.72	.03	.03	T	.09							.01	.01	.07	.06	T	.35	T	T					.03	T						.04	
PAHALA 21	A	.30																*	.12	.01		.10		.02		.04	T		.01	T			
PAHOA 65		6.71	.15	.17	.09	.15	.39	.05	.30	.31	.07	.11	.07	.26	.73	.42	.10	.45	1.48	.12	.10	.05	.12	.25	.10	.01		.09	.11	.14	.05	.27	
PAKAO 37	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PAPAIKOU 144.1		5.10	.02	.36	.18	.24	.34	.06	.30	.45			.02	.02	.20	.16	.35	.63	.81	.01	.15		.08	.29	.12	.04				.06	.02	.19	
PAPAIKOU MAUKA 140.1		8.55	.09	.33	.28	.07	.73	.04	.39	.58	.08		.04	.05	.38	.39	.53	.63	2.78	.08		.01	.21	.31	.10	.06	.03			.27	.05	.04	
PIIHONUA 89	A	14.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.00	
POHAKULOA 107	A	.34	*	.34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUAKO 95.1	A	T	T							T									T												T		
PUU KIHE 120	A	.00																															
PUU LAAU 102.1	A	.00																															
PUU LEHUA 73	A	1.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.50	
PUU MALI 113	A	.00																															
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU WAAWAA 94.1	A	.72														.07		*	*	.65	T												
SADDLE ROAD 1 84	A	2.23	2.23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
SOUTH POINT CORRAL 3	A	1.39	*	*	*	*	*	*	*	*	*	.03	*	*	*	*	*	*	1.12	*	*	*	*	*	*	.16	*	*	*	*	*	.08	
UMIKOA 118		*				.05	.02													.03	.01	.09	.08	.02	*	*	.14		*	*	.04	*	
UPOLU POINT USCG 159.2		.77			.05	.02		.02	.05	.02	.02		.02			.01		.17	.29					.03								.03	
WAIAKEA SCD 88.2		6.69	.12	.16	.16	.04	.27	.06	.20	.35	.04	.02	.05	.01	.29	.34	.09	.42	2.75	.10	.01	.02	.04	.33	.10	.09	.03			.52	.03	.05	

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DAILY PRECIPITATION

Station		Total	Day of Month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
• • • EAST OF 180TH MERIDIAN																																
CANTON ISLAND	R	.34		.08								T					T		.04			.05	.17								
FAGA ALU RESERVOIR		10.58	.80	.21	.78		.20		.10			.20	.70		.30			.10	1.20	.14		1.58		.60			.40	.75	.50	.10	1.80	.62	
JOHNSTON WSO AP	R	.66	.04	.11	.01	T	.01	.05	T	.09	T	.01	T		T	T	T	.13			.01		.22				.02	.01		T	T	.01	
LEONE		V.6.2H	.54		.65			.70	.06								2.24	.10			1.60			.80	1.20		.30	.15	.05	.40	.50		
FRENCH FRIGATE SHOALS		.39			.01				.01						.02	.01	.04	.14		.06									.01	.04	.04	.01	
GUMA VILLAGE		5.91	.05	.14	.32	.24			.08	.23	T			.46	.18		.01	T	.50	T	.56	.09		.03	T	.22	.03	.09	.07	1.62	.99		
MIDWAY SAND ISLAND		.33	T	T											T	.01			.17	.01		T				.04	.01	.03		.06		
PAGO PAGO WSO AP	R	6.09	.09	T	.28			.01	.02	.01		T	.01	.09	.06		1.04	.03	T	.08	.86	.01	.06	.26	1.43	.11	.31		.13	.43	.52	.25	
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
• • • WESTERN PACIFIC IS., NORTH OF 12 N																																
ANDERSEN AFB GUAM		4.02	.10	1.63	.29	.19	.06	.14	.04	.02		.07	.02	.04	T	.18	.09	.03			.06	.01	.05	.06	.04	.04	T	.42	.14	.08	.17	.05	
CLARK AFB LUZON		7.45	.15	.18	.63		T	.51	.62		.03	.54	.16	.12		.23	.26	.27	.49	T	.22	1.31				.09	1.14		.13	.03	.26	.08	
GUAM NAS		3.57	.06	.85	.17	.07	.24	.01	.03			T	.01	.01	T	.18	.30	.64				.06	.07	.01	.09	.04	.19	.17	.27	.05	T	.05	
GUAM WSO	R	4.85	.10	1.38	.38	.08	.13	.03	.08	.06	.03	.01	.14	.11	.06	.15	.31	.03				.22	.01	.09	.22	.09	.21	.36	.25		.07	.25	
MANGILAO		5.50	.02	.29	1.65	.02	.15	.25	.07	.04	.03	.03	.03	.10		.16	.31	.20	.18	T		.09	.05	.05	.03	.01	.22	.41	.46	.32	.25	.08	
ROTA		6.22	.06	.75	.10	.35	.50	.35	.03	.05	.30	.20	.15	T	T	T	.05	T	.30	.18	.20	.10	.30	T	T	.60	.25	.40	.60	T	.25	.15	
SAIPAN USCG LORAN		1.63								.01	.01	.07	.07	.04	.07		.14	.44					.27		.02	.03		.26	.18			.02	
WAKE WSO AP	R	1.95			T	T	.08		.03	.03	T	.03	.10	.05	.03	.01		.92		.10	.01	.01	.04	.13	.24		.01	.04	.04	.04	.01	T	
• • • CAROLINE AND MARSHALL ISLANDS																																
ANGUAR		15.22	.67	.17	.29		2.33	.63	1.37	.21	1.27	3.06			.41	.11	.57		.61		.48	.07		.37	1.03		.12		.36		1.09		
ENIWETOK		3.41	.29		.19		.03				.06			.05	1.42		.06		.04		.31	.06	.02		.51	.14		.11	.10	.01	.01		
FALALOP I., ULITHI		8.01	.85	.93	.76	T	.30	.09		.44	.49		1.07	.06		.58	.05	.03			.15			.23	.06	.15	T	.29	.50	.82	T	.16	
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOROR WSO	R	13.78	.51	.02	.06	.18	.38	.42	.01	.08	.82	1.43	.19	T	.18	2.56	.26		.77	.18	2.45	.62		.07	.08	.11	.11	.03	.14	.67		1.45	
KWAJALEIN WSO AP	R	8.60	.06		1.40	.73	.21			.07	.02	.03	.11	.14	T	1.35		.17	.21	.43		T	.06	.43	1.77	T	.12	.19	.68	.10	T	.32	
LEJE I., KUSAIE		8.08	.68	.05	.89	.13	1.60		.08		.13	.60	.02	.53	.03	.91	.06			.21	.03		.31	.13	.73		.45	.15	.21	.15			
MAJURO WSO AP	R	12.23	T	.44	1.05	.80	1.02	T		.03	.31	.01	.16	.76	1.06	.02		.15	.47	2.08	.25	1.06	.11	.97	.32	.01	.06		.23	.40	.40	.06	
META, ANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOKIL ATOLL		10.84				.10	.09	1.01			.30	.07	.50	1.02	1.20	1.33	1.03	.07				.15	.20						1.20	1.05	.70	.82	
NGASANG, BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PONAPE WSO	R	23.40	.07	1.63	.11	2.59	.02	.10	1.40	-	.23	.81	1.09	1.62	1.97	3.79	T	.71	.55	T	.90	.20	.09	.05	.45	.40	.27	2.39	.87	.70	.39		
SATAWAN ATOLL		-	.64			.30	-	.51		.42	.60	.22	1.02	1.19	.10	.20				.31	.14	.18			.77	-	.59	-	-	-	1.04		
TRUK, MOEN I. WSO AP	R	10.31	.21	.57	.48	T	.15	T	.49	.20	T	.50	1.80	.14	.38	1.56	T		.02	.12	.06	.68	.24		.07	.05	.38	.72	.35	1.12	.01	.01	
WOLEAI ATOLL		8.69	.52	.32	.13	.71	.25		.33	.04	.16	.47	.94	.92			.09	1.62	.04				.61	.18		.08	.45	.38	.21			.24	
YAP WSO AP	R	12.35	1.37	.18	T	T	1.01	.04		.69	.59	.23	1.03	.35	.10	.28	.28	T	T	2.28	.50	.02	T	.03	T	T	.71	.47	1.16	.08	.28	.67	

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	73	72	66	68	70	70	66	71	74	73	68	71	68	72	67	71	76	74	73	74	70	71	74	74	75	73	74	72	73	72		71.5
	MIN	57	54	54	51	52	54	56	56	51	52	55	56	56	57	57	57	54	51	49	53	54	43	46	43	46	46	50	49	52	58		52.3
KILAUEA POINT 1133	MAX	81	79	79	80	80	80	78	80	84	79	80	81	78	81	80	81	81	81	85	82	83	83	83	82	88	82	84	83	81	81		81.3
	MIN	70	70	72	66	65	68	71	70	71	67	68	68	64	69	70	69	69	69	70	74	71	77	71	79	71	72	73	75	69	75		70.4
LIHUE WSO 1020.1 AP	MAX	82	81	80	80	83	81	82	81	83	83	82	83	78	82	81	81	83	83	84	83	82	83	83	83	85	84	85	86	85	84		82.5
	MIN	74	74	72	72	72	73	74	73	73	73	72	73	72	73	74	73	74	73	69	70	73	68	70	69	71	72	70	72	75	73		72.2
MAKAHUENA POINT 940.1	MAX			82	82	83		82	82	82		84		84		83	83	83	83	83	83	83	85	84	80	86	83	87	89		85		83.5
	MIN			71	70	69		72	71	71		70		69		67	70	68	68	69	69	69	69	68	70	72	74	72	71		70		70.0
MANA 1026	MAX	86	86	86	86	87	86	86	86	85	86	84	85	86	85	85	85	82	85	85	84	85	84	85	85	86	87	85	85	87	84		85.3
	MIN	67	65	65	64	65	64	65	65	65	66	67	67	68	67	67	68	66	66	65	66	65	64	67	66	67	68	67	66	67	71		66.2
NIU RIDGE 1035	MAX	84	82	84	83	84	85	83	84	83	82	83	84	83	83	82	82	84	83	84	83	84	81	82	84	83	84	84	84	85	83		83.3
	MIN	63	61	63	62	60	60	59	60	63	64	62	63	62	62	61	61	63	62	61	60	60	61	62	63	60	63	64	63	64	65		61.9
WAIAHI LOWER 1054	MAX	79	79	79	79	79	79	76	78	79	78	77	78	77	76	79	79	79	80	82	81	81	83	82	83	83	83	83	84	83	80		79.9
	MIN	68	65	66	63	65	66	62	68	64	67	67	67	67	66	69	67	68	66	61	60	62	60	62	60	62	65	62	65	68	67		64.8
* * *																																	
ISLAND OF OAHU																																	
EWA PLANTATION 741	MAX	85			85	82	83	83	83			84	85	84	82	84			86	84	86	86	84			86	87	84	85	87			84.5
	MIN	72			67	68	70	70	71			67	71	71	70	69			64	67	66	66	64			67	68	65	67	71			68.1
HONOLULU WSO 703 AP	MAX	87	86	84	84	86	84	86	85	86	87	88	86	85	87	87	86	88	86	86	87	85	88	88	87	89	83	84	90	88	87		86.3
	MIN	75	74	72	70	70	73	72	74	74	73	71	74	72	71	73	74	73	72	70	72	72	68	68	74	74	72	67	70	74	74		72.1
HONOLULU SUBSTA 704	MAX	81	78	77	78	79	78	80	80	81	81	81	80	79	81	81	80	81	80	80	80	82	82	81	81	82	80	81	83	80	80		80.3
	MIN	74	73	70	69	68	72	71	73	74	72	71	72	71	71	73	72	72	71	71	70	71	70	73	71	73	72	71	72	73	72		71.6
KANEOHE MAUKA 781	MAX	80	81	80	81	80	80	78	79	78	82	80	82	80	81	80	81	77	82	82	80	82	82	82	83	83	83	83	83	82			81.0
	MIN	71	72	70	68	69	71	68	72	72	70	69	70	72	71	71	71	71	71	70	70	71	71	71	72	71	69	69	70	72	73		70.6
LUALUALEI 804	MAX	82	81	85	85	84	77	82	88	83	84	87	86	84	87	86	84	84	87	86	85	86	86	88	92	84	86	86	82	88	84		85.0
	MIN	67	69	66	62	70	60	56	61	64	66	66	65	65	69	69	74	66	66	62	64	68	63	75	70	70	68	69	67	74	66		66.6
MAKAPUU POINT 724	MAX	77	77	76	76	77	78	76	77	76	76	76	80	77	75	76	78	76	79	78	79	80	81	80	79	78	81	84	83	79	77		78.0
	MIN	68	68	70	69	68	71	68	67	68	70	68	70	66	68	67	67	68	70	70	69	68	70	69	68	69	70	70	71	66	69		68.7
OPAEULA 870	MAX	80	79	80	79	75	79	75	76	77	78	79	78	77	73	77	80	79	79	80	79	80	79	80	79	80	82	82	82	80	80		78.8
	MIN	67	64	63	65	64	65	64	65	69	68	69	68	67	66	66	67	69	65	64	63	63	64	64	62	63	64	63	64	66	66		65.2
PRI WAHIAWA 820.2	MAX	83	81	78	83	80	80	79	79	76	80	82	82	81	80	81	80	79	84	83	82	83	84	82	82	84	88	86	86	86	82		81.8
	MIN	67	70	67	64	65	66	66	66	66	66	66	68	67	66	67	68	64	63	65	63	63	61	63	68	63	65	61	62	68	66		65.3
WAIALEE 896.3	MAX	84	85	82	83	83	84	81	83	79	83	85	85	80	83	84	84	84	84	84	85	84	86	84	85	86	86	85	87	87	85		84.0
	MIN	73	72	69	67	67	68	67	69	71	69	69	69	69	68	71	71	71	70	69	70	69	71	71	69	72	70	69	70	73	70		69.8
WAIALUA 847	MAX	85	85	83	82	82	82	81	82	82	84	86	83	82	80	83	86	86	88	85	85	85	85	84	84	87	85	85	84	87	84		84.1
	MIN	69	73	71	66	63	66	67	69	72	70	67	68	69	67	68	71	69	71	66	62	63	60	62	62	70	67	65	67	66	67		67.1
WAIKIKI 717.2	MAX	85	86	85	84	84	84	83	84	84	81	86	86	85	84	85	85	86	86	86	84	86	87	86	86	85	87	83	87	86	85		85.0
	MIN	74	72	71	69	69	71	72	72	72	70	71	73	70	70	71	72	72	68	66	67	68	66	68	71	72	68	65	67	73	71		70.0
WAIMANALO EXP FARM	MAX	83	84	83	82	81	82	80	80	80	84	83	83	82	80	83	83	79	84	84	83	84	84	84	85	82	85	86	85	85	85		82.9
	MIN	72	73	72	68	68	69	70	68	72	70	69	70	69	70	72	72	72	73	73	71	72	72	71	72	72	70	67	70	72	72		70.8
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	81	81	80	79	78	80	80	81	82	82	81	82	80	80	81	82	79	82	82	81	81	82	83	82	82	83	81	80	82	80		81.0
	MIN	70	74	69	69	68	70	69	70	68	69	70	69	67	69	69	71	72	69	68	67	65	66	69	73	70	68	68	68	69	70		69.1
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	77	77	79	77	73	75	76	76	75	76	76	78	76	75	77	78	77	77	77	76	76	78	77	76	76	78	78	77	78			76.4
	MIN	62	64	64	60	64	63	63	64	60	60	61	66	65	64	63	62	61	60	65	65	64	62	65	66	66	62	61	63	65			63.1
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	67	70	65	63	64	60	69	68	72	72	71	76	67	64	67	70	68	64	67	66	67	64	71	77	78	78	75	69	66	65		68.7
	MIN	55	54	46	38	47	54	46	56	55	52	52	50	50	50	47	53	40	42	46	45	41	46	49	53	55	58	49	42	50	49		49.0
HALEAKALA SUMMIT 338.4	MAX	54	53	55	57	55	56	60	60	61	57	60	65	56	53	57			62	63	61	63	58			70	69	68	69	64			60.2
	MIN	48	49	45	44	45	49	52	52	50	42	40	41	42	44	45			46	45	42	44	43			51	51	52	48	46			46.2
MANA AIRPORT 355	MAX	81	82		79	82	82	80	83	82		81	84	82	80	83	80	82	83	83	83	83		83	83	83	84	84	85	86	84		82.5
	MIN	63	70		67	69	68	69	69	71		66	68	69	68	68	70	69	66	67	67	66		69	71	71	66	72	71	69	70		68.5
KAANAPALI AIRPORT	MAX	83	85	82	81	81	83	81	83	83	84	83	83	82	82	84	82	81	84	83	84	83	82	83	84	83	85	83	85	85	83		83.6
	MIN	68	72	70	67	68	66	66	66	67	67	69	66	70	66	68	71	68	66	66	68	66	67	69	71	72	67	68	69	73	71		68.3
KAHULUI WSO 398 AP	MAX	87	83	82	83	83	83	85	84	84	85	85	84	80	85	85	84	85	82	83	82	85	85	85	84	84	84	86	88	85	84		84.1
	MIN	62	70	68	69	68	70	69	69	65	68	71	70	70	70	70	70	68	61	63	69	61	63	70	70	70	62	66	67	70	72		67.7
KAILUA 446	MAX	74	75	75	75	74	75	73	75	75	76	76	76	76	72	75	77	76	76	76	77	77	77	76	77	77	77	77	77	79	78		75.9
	MIN	68	67	64	64	65	65	65	66	67	68	67	66	66	66	67	67	67	65	64	64	64	66	64	67	66	66	66	64	64	67		65.7
KEAWAKAPU BEACH 260.2	MAX																																
	MIN																																
KULA SANATORIUM 267	MAX	73	74	72	71	74	74	72	72	74	75	74	74	75	72	74	75	72	72	72	70	73	72	69	74	74	75	72	72	73	75		73.0
	MIN	58	56	56	58	57	57	55	57	59	58	58	56	57	59	55	56	58	55	56	59	57	56	55	55	56	55	56	57	55	56		56.6

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
LAHAINA 361	MAX	88	87	87	85	87	86	86	86	86	87	88	88	87	87	87	86	87	86	86	87	85	85	86	86	88	87	88	89	88	86		86.7
	MIN	64	64	63	65	63	63	65	63	63	63	65	64	62	66	65	66	64	63	64	64	64	64	64	64	66	66	65	66	64	65		64.2
MAILI KAI 380	MAX	83			82	79	81	82	81			81	82	81	79	82			82	80	80	80	82			82	80	82	83	83			81.0
	MIN	70			67	67	67	69	70			70	70	68	70	70			68	69	68	69	70			70	67	68	68	69			68.8
• • •																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	80	79	78	79	80	78	80	80	80	80	80	81	80	79	81	81	78	81	81	81	81	80	79	78	83	80	81	83	82	80		80.1
	MIN	69	68	66	67	64	66	68	68	68	68	69	69	68	68	67	68	68	67	64	64	65	68	65	69	67	65	64	68	67	62		66.9
HAWAII VOLCNS NP HO 5W	MAX	68	70	68	66	66	67	67	63	62	68	69	68	67	66	69	69	66	67	70	70	69	70	66	69	71	71	71	68	67	67		67.8
	MIN	54	53	51	53	57	51	54	53	52	52	52	52	52	53	53	57	56	51	50	50	52	56	53	52	52	52	49	57	58	57		53.1
HILO WSO 87 AP	MAX	83	81	79	81	82	81	82	82	83	83	82	81	83	83	83	81	81	82	82	82	82	81	81	84	82	84	84	84	83	83		82.2
	MIN	67	68	67	67	66	66	67	66	65	65	67	66	68	67	68	70	69	67	65	65	68	66	66	68	67	67	67	68	66	67		66.9
KAINALIU 73.2	MAX	74	75	75	72	75	75	75	74	73	76	74	75	81	75	75	77	81	78	74	76	74	74	75	73	75	80	76	77	78	77		75.6
	MIN	62	61	63	62	60	60	61	60	63	62	63	61	62	63	60	62	63	61	60	60	60	61	61	64	63	63	60	62	63	60		61.5
KAMUELA 192.2	MAX	69	71	72	70	71	70	73	72	70	72	71	73	72	71	73	71	77	73	75	73	75	72	74	76	75	75	73	79	72	70		72.7
	MIN	55	57	57	55	56	55	57	57	56	58	57	58	57	58	57	55	56	58	56	58	56	58	56	58	57	59	56	58	54	57		56.7
KEAAU 92	MAX	80	79	78	78	78	79	79	79	79	80	79	81	79	79	79	80	79	79	79	79	80	80	78	78	81	80	80	80	80	81		79.3
	MIN	65	65	64	64	64	64	63	65	65	64	65	65	65	65	66	61	66	65	63	63	65	66	65	67	68	66	66	65	66	65		64.9
KEALAKEKUA 26.2	MAX																	82											79				
	MIN																	61											60				
KOHALA MISSION 175.1	MAX	76	79	77	77	77	77	78	77	79	79	78	80	79	79	79	80	76	80	81	79	80	80	80	79	81	81	81	83	82	79		79.1
	MIN	68	67	65	66	65	68	68	65	68	68	68	70	67	67	68	68	61	64	65	63	65	67	63	68	67	66	65	66	69	67		66.4
KONA (KAILUA) 68.3	MAX	80			83	83	80	82	81			81	80	83	82	84			86	81	82	84				83	87	81	84	82			
	MIN	71			70	69	70	70	69			70	67	72	71	70			67	68	69	69				71	73	69	69	69			
KULA-I CAMP 79	MAX	64	65	65	60	60	62	63	60	62	65	63	62	64	62	64	65	64	61	65	64	65	64	69	72	64	68	68	68	60	64		64.1
	MIN	45	45	46	48	48	44	50	45	44	46	47	47	50	45	48	58	50	45	42	42	43	47	49	45	40	39	42	46	46	45		45.9
MAUNA LOA SLOPE 085	MAX	51	53	55	58	63	59	61	64	61	65	62	61	62	61	62	58	55	58	58	57	57	59	63	66	66	65	66	65	63	59		60.4
	MIN	37	33	38	38	45	44	44	45	41	45	41	45	44	46	41	41	40	39	40	39	39	42	47	46	46	48	47	46	47	43		42.6
MOUNTAIN VIEW 91	MAX	75	76	76	76	74	73	73	73	75	75	75	75	73	74	74	75	75	75	75	72	76	76	76	76	76	76	76	76	77	78		75.1
	MIN	62	59	59	59	60	59	60	62	60	60	60	60	61	61	62	58	58	58	57	58	59	62	61	61	61	61	60	62	61	61		60.1
NAALEHU 14	MAX	79			80	78		79	78			79	80	80	80	80	78	78	77	78	78	79	78			79	79	79	78	78			78.7
	MIN	68			63	66		65	68			62	60	65	66	66	69	66	65	63	63	64	67			65	65	65	66	64			65.0
OOKALA 223	MAX	80	81	78	79	80	79	79	79	81	80	80	81	79	81	80	80	79	80	80	80	80	80	78	77	80	80	80	82	81	82		79.9
	MIN	67	68	64	67	64	65	68	66	69	68	69	68	68	68	67	70	67	65	66	65	66	67	68	67	68	69	65	65	69	67		67.0
OPIHIHALE 2 24.1	MAX	78	75	73	74	81	75	71	74	75	73	73	79	78	78	78	81														80		
	MIN	61	61	62	58	59	60	60	62	62	65	59	61	60	61	50	62														60		
PAHALA 21	MAX	79			80	79	80	79	80			80	80	84	80	81			81	82	84	81	81	81	80	80	80	81	81	80			80.6
	MIN	65			61	62	61	64	61			61	63	63	62	64			62	61	61	61	64	64	63	65	63	62	66	62			62.7
PUAKO 95.1	MAX	83	85	87	84	84	86	84	81	86	85	82	86	87	85	83	83	83	85	84	83	84	85	86	82	86	88	82	84	85	86		84.5
	MIN	67	69	71	70	70	72	70	72	69	72	71	68	72	72	73	68	73	69	68	69	67	70	66	73	73	68	68	67	72	69		69.9
UPOLU POINT USCG 159.2	MAX		83	82	81	82	82	81	83	83	83	83	83	82	82	83	85	85	84	83	83	83	84	85	84	84	84	84	86	85	83		83.3
	MIN		69	69	70	67	70	69	68	70	68	69	71	69	70	69	69	68	68	68	67	68	69	69	72	71	69	69	69	71	68		69.0
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	92	92	90	90	92	92	92	92	92	92	92	93	89	90	92	92	91	91	91	92	90	89	91	91	91	89	91	89	92	92		91.1
	MIN	78	77	79	79	76	75	76	78	77	78	80	79	78	78	78	78	77	79	78	78	77	75	78	77	77	78	78	78	76	79		77.6
JOHNSTON WSO AP	MAX	81	82	81	81	82	81	81	83	82	82	83	83	82	82	83	82	82	84	84	83	83	82	83	83	83	83	83	83	82	83		82.4
	MIN	75	73	75	76	77	76	76	73	76	77	77	77	77	77	77	72	76	77	77	77	74	77	78	78	77	76	78	77	73	76		76.1
LEONE	MAX	89	90	87	87	85	86	84	85	86	87	87	86	87	87	84	89	88	87	88	86	83	85	87	84	90	88	86	82	80	86		86.2
	MIN	76	80	77	77	73	75	72	71	69	76	75	75	74	69	72	73	72	71	71	71	73	72	72	73	72	71	72	74	73	76		73.2
FRENCH FRIGATE SHOALS	MAX	81	83		84		83	83	83	83	82	81	86	82	83	82	82	84	82	86	86	87	88	86	89	89	84	83	86	85	85		84.2
	MIN	70	72		72		74	74	72	69	72	68	68	70	70	69	71	67	74	71	72	71	71	72	72	72	75	73	72	71	71		71.3
MIDWAY SAND ISLAND	MAX	82	81	82	82	81	81	82	82	82	82	82	81	81	82	83	82	82	82	83	82	83	83	83	84	83	83	83	83	83	83		82.3
	MIN	73	73	73	73	74	74	75	75	75	73	74	74	74	74	74	73	70	73	75	75	74	75	75	73	73	74	72	74	74	72		73.7
PAGO PAGO WSO AP	MAX	88	87	86	86	84	86	83	84	84	85	86	84	86	86	83	87	86	85	84	85	85	85	82	85	88	86	85	82	82	84		85.0
	MIN	78	78	78	80	79	78	77	76	76	79	78	76	75	71	75	75	74	75	73	72	78	77	73	77	74	72	73	75	74	74		75.7
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																	
WESTERN PACIFIC ISLS NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	84	81	83	84	85	83	84	85	84	85	85	84	86	86	83	83	83	84	84	85	85	85	84	84	84	84	83	84	85	84		84.1
	MIN	78	75	75	78	76	78	78	79	78	77	79	79	79	77	74	74	78	78	77	77	78	78	77	78	78	76	76	78	78	78		77.3
CLARK AFB LUZON	MAX	100	99	97	95	95	91	91	93	100	99	90	91	91	88	88	82	88	91	93	90	90	91	93	91	91	95	93	90	90	82		91.9
	MIN	79	77	77	77	79	79	73	75	77	77	73	77	77	77	77	75	75	77	77	73	73	75	75	79	79	79	79	79	75	75		76.5
GUAM NAS	MAX	86	83	84	85	84	85	85	85	86	87	87	87	89	89	89	88	87	86	89	87	88	89	89	90	86	87	88	87	89	88		86.9
	MIN	78	73	77	77	77	78	79	80	78	80	79	79	79	78	78	77	78	78	78	78	78	79	76	78	77	77	78	79	79	79		78.0
GUAM WSO	MAX	87	84	86	86	86	87	87	87	86	87	87	87	87	87	86	85	86	88	87	87	88	87	87	88	87	87	86	87	87	87		86.7
	MIN	73	71	74	75	73	72	76	75	73	75	76	72	77	75	74	73	72	68	70	74	73	75	72	73	75	75	75	74	74	74		73.6
SAIPAN USCG LORAN	MAX	89	90	88	84	90	90	90	91	93	90	91	91	90	90	90	90	89	88	90	90	89	87	89	90	90	89	90	89	90	92		89.6
	MIN	79	81	78	76	76	75	76	77	78	78	77	76	78	79	79	76	70	73	72	78	70	70	75	74	77	77	80	74	76	82		76.2
WAKE WSO AP	MAX	85	87	86	87	86	87	88	86	87	86	87	88	87	87	88	89	88	88	87	89	88	87	88	88	88	89	88	89	89	87		87.5
	MIN	76	77	76	76	74	76	77	74	76	76	74	74	75	75	75	72	76	76	77	77	75	75	76	78	76	76	74	76	77	77		75.6
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	88	88	88	88	88	87	86	88	87	85	88	86	87	87	88	87	90	88	88	89	86	86	87	86	87	88	88	87	86	87		87.3
	MIN	74	78	76	75	77	77	76	76	78	76		76	76	78	77	77		78	77		76	76		76	76	72	76	76	74	77		76.2
FALALOP I. ULITHI	MAX	87		86	86	88	87	86	87	87	86	87	86	88	88	86	89	89	86	87	86	88	87	88	86	88	88	85	87	85	88		87.0
	MIN	80		82	82	82	83	83	81	84	84	79	78	81	76	78	80	80	79	81	80	82	83	84	82	84	80	82	81	83	83		81.3
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	87	90	90	90	90	88	90	89	90	84	89	89	89	88	88	88	89	85	91	89	92	90	88	88	89	90	89	88	90	89		88.9
	MIN	76	76	75	78	77	75	78	77	78	76	76	76	78	76	76	78	75	75	76	76	76	78	77	75	77	77	76	74	77	76		76.4
KWAJALEIN WSO AP	MAX	87	87	88	85	86	87	87	87	87	87	88	86	88	84	89	87	87	86	84	86	86	84	84	86	87	87	87	86	87	85		86.4
	MIN	78	81	76	73	77	80	80	80	80	80	79	79	80	75	77	77	78	77	79	78	76	75	75	77	78	75	76	78	79	77		77.7
LELE I. KUSAIE	MAX	88	87	87	82	87	88	86	88	88	87	87	85	85	86	89	88	89	88	86	87	88	87	89	87	88	88	86	85	90	89		87.2
	MIN	72	74	76	76	75	73	72	74	72	74	75	77	79	77	72	74	76	75	72	73	74	73	75	74	79	75	78	78	76	77		74.9
MAJURO WSO AP	MAX	86	85	83	86	86	86	86	86	85	86	86	85	82	84	86	86	84	85	84	83	84	84	85	85	86	86	87	83	84	85		85.0
	MIN	78	76	75	74	73	78	80	78	76	79	78	76	75	78	79	78	75	74	73	73	77	76	76	79	79	79	77	77	75	75		76.5
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	88	85	89	88	90	89	88	89	89	88	85	84	86	82	88	88	90	89	88	89	89	89	86	89	89	85	88	83	85	88		87.5
	MIN	78	75	78	73	76	75	76	78	79	77	76	76	77	73	71	73	74	76	73	71	75	75	75	75	77	73	75	74	72	73		75.0
TRUK, MOEN I. WSO AP	MAX	88	87	88	88	86	89	87	88	88	86	83	87	89	86	89	89	89	88	89	88	88	88	88	90	88	86	85	86	88	87		87.5
	MIN	79	76	78	79	78	78	77	77	80	77	75	76	77	74	77	79	79	78	78	75	76	77	77	80	77	75	76	74	77	80		77.2
WOLEAI ATOLL	MAX	89	90	89	90	89	90	90	88	90	89	85	89	89	88	90	89	87	89	89	90	89	89	89	90	90	89	89	90	90	89		89.1
	MIN	74	73	75	75	76	75	75	75	76	73	73	72	77	73	75	72	70	75	70	71	75	74	70	71	74	73	72	71	76	73		73.5
YAP WSO AP	MAX	82	88	88	89	88	87	88	88	88	89	85	87	89	88	86	87	89	87	88	88	90	89	88	88	89	86	87	87	89	86		87.6
	MIN	74	75	77	79	76	75	77	75	76	76	75	75	77	75	75	76	79	74	75	75	75	77	78	76	76	74	74	75	76	77		75.8
	MAX																																
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See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	20	E	30+	-	78	75	89	0	12	13	0	1	0	26	62	-
HILO, HAWAII, WSO AP	12	0.9	6.5	17	E	28+	91	83	70	87	3	12	12	1	0	0	28	27	8.3
HONOLULU, OAHU, WSO AP	6	12.7	13.8	29	NE	09	72	66	54	67	15	7	0	0	0	0	22	55	6.8
JOHNSTON ISLAND WSO AP	9	16.6	17.0	30	E	08+	76	75	69	74	9	10	3	0	0	0	22	70	6.5
KAHULUI, MAUI, WSO AP	5	13.9	15.1	33	E	13	79	67	51	71	5	6	0	0	0	0	11	75	5.6
KOROR WSO AP	-	-	-	29	S	17	89	-	81	79	1	7	10	5	2	2	27	66	8.9
KWAJALEIN WSO AP	7	12.9	13.5	28++	14	14	83	84	77	80	4	5	11	2	3	0	25	-	8.0
LIHUE, KAUAI, WSO AP	5	12.0	13.0	25	NE	12	80	74	65	77	9	11	1	0	0	0	21	51	7.2
MAJURO WSO AP	-	-	-	29	E	19	85	85	78	81	2	6	11	3	4	1	27	64	8.0
PAGO PAGO WSO AP	11	11.3	12.4	33	E	12	85	85	76	82	3	11	7	2	2	0	25	29	6.9
PONAPE WSO AP	-	-	-	20	NE	12	87	-	79	79	2	4	8	6	5	3	28	50	8.3
TRUK, MOEN I, WSO AP	-	-	-	22	SE	11	85	-	79	79	4	6	11	4	3	0	28	44	9.6
WAKE WSO AP	8	12.3	14.2	27	E	07	77	81	62	68	4	15	4	1	0	0	24	70	6.3
YAP WSO AP	-	-	-	24	E	27	89	-	80	76	7	4	8	5	4	1	29	65	7.3

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No of Days								Snow Sleet			N of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
PACIFIC																							
* * * SEPTEMBER 1972																							
SWAINS ISLAND	87.4				90	28+				5	0	0	0	5.78		1.53	20	.0	0		10	3	2
* * * OCTOBER 1972																							
LELE I. KUSAIE	87.1	73.7	80.4		91	23	70	30+		3	0	0	0	10.07		1.32	20	.0	0		16	9	5
SWAINS ISLAND	87.4M				90	27+				9	0	0	0	17.32		6.12	30	.0	0		16	9	4
* * * NOVEMBER 1972																							
LELE I. KUSAIE	87.7M	73.4M	80.6M				66	27			0	0	0	7.54		1.85	28	.0	0		11	5	3
SATAWAN ATOLL														8.08		1.61	16				11	7	3
SWAINS ISLAND	87.7M				90	30+				8	0	0	0	7.36		1.27	6	.0	0		11	5	2
* * * DECEMBER 1972																							
SWAINS ISLAND	87.8				91	24+				11	0	0	0	14.63		3.22	9	.0	0		16	9	5
* * * JANUARY 1973																							
MOKIL ATOLL														.66		.32	17	.0	0		2	0	0
SWAINS ISLAND	85.7M				91	18+					0	0	0					.0	0				
* * * FEBRUARY 1973																							
SWAINS ISLAND	86.5				91	4				6	0	0	0	16.17		3.71	1	.0	0		14	10	5
* * * APRIL 1973																							
MOKIL ATOLL														12.15		2.02	14	.0	0		12	9	8

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
• • •																																	
NOVEMBER 1972																																	
MOUNT WAIALEALE 1047	R	25.53	.79	.75	2.40	2.13	1.14	2.36	1.22	1.14	1.02	2.72	.35	.94	1.22	.79	.24	.20	.71	3.43	.28		.12	.28	.79	.04	.35	.04	.08				
• • •																																	
DECEMBER 1972																																	
MOUNT WAIALEALE 1047	R	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
• • •																																	
JANUARY 1973																																	
MOUNT WAIALEALE 1047	R	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
• • •																																	
APRIL 1973																																	
MOUNT WAIALEALE 1047	R V	160.96	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	148.48	.12	.47	3.82	.28	.94	.43	.35	.75	.32	2.68	1.02	1.30	
• • •																																	

See reference notes following Station Index

DAILY PRECIPITATION

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * *																																
SEPTEMBER 1972																																
SWAINS ISLAND	5.78	.26	.02					.02	.04	.48	.26	.07	.19				.11	.18	.78	.36	1.53	1.48										.
* * *																																
OCTOBER 1972																																
LELE I. KUSAIE	10.07	.14	.24	1.30		.03	.54	.71	.01								.02	.10	.18	.13	1.32		.07	.03	.37	.21	.71	1.16	1.15	.51	1.07	.07	.
SWAINS ISLAND	17.32	.22	.69	2.09	.44	.04					.22		.02	.02	.03	.44	1.67	.91	.66	.33	.11	.03	.07				.25	.04	.97	.67	6.12	1.28	.
* * *																																
NOVEMBER 1972																																
LELE I. KUSAIE	7.54	.03	.47	.02			.05	1.22	.27		.27		.07	.02	.06	.34							.09		.11		.57	.83	1.85	1.06	.21		.
SATAWAN ATOLL	8.08			.11				1.42	.05	.04		.44	.53	.03	.47	.58	1.61			.07			.10	.01	.58	.06		1.36	.05	.04	.93		.
SWAINS ISLAND	7.36	.39			.94	.03	1.27	.68	.72	1.20	.24	.02		.06	.42	.05	.05	.03	.05	.27	.09	.06	.02	.03	.02		.09	.08	.42	.10	.03		.
* * *																																
DECEMBER 1972																																
SWAINS ISLAND	14.63		.14	.21	.07					3.22	.15	.84	.38			.14			.10	.04	.05		1.64	.10		.69	.72	1.33	.56	.06	1.22	2.97	.
* * *																																
JANUARY 1973																																
MOKIL ATOLL	.66	.04	.09														.12	.32				.02			.07							.
SWAINS ISLAND	-	-	-	-	.05			.07		.33		.04		.02	.02					.39	1.44	1.38	.66	.13	.56	1.22	1.08	2.17	1.02	1.79	.76	1.46	.
* * *																																
FEBRUARY 1973																																
SWAINS ISLAND	16.17	3.71	.25	.10	.03		.03	.08	1.88	.30	.84	.80	.01	.61	1.50	1.78	.02	.67	.03	.03		.30	.86	2.30	.04							.
* * *																																
APRIL 1973																																
MOKIL ATOLL	12.15						.63	1.49	1.06	1.14	1.17	.14	1.03	.41	2.02		.07	1.02		1.84	.13												.

See reference notes following Station Index

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
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SEPTEMBER 1972																															
SWAINS ISLAND	MAX	87	87	88	88	88	89	90	88	86	88	88	87	89	88	90	87	85	82	83	80	88	89	89	90	88	90	84	90	89	88		87.4
	MIN																																
* * *																															
OCTOBER 1972																															
LELE I. KUSAIE	MAX	88	85	86	87	87	85	87	87	90	90	89	89	88	87	87	89	89	89	87	85	89	88	91	87	86	82	84	82	87	85	87	87.1
	MIN	75	70	71	72	73	71	72	76	76	76	75	76	74	73	73	75	75	75	76	71	75	74	77	72	72	75	76	75	72	70	73	73.7
SWAINS ISLAND	MAX	89	83	84	90	90	89	90	90	88	89	90	88	87	85	82	86	82	87	84	88	86	89	90	90	90	86	90	80	87			87.4
	MIN																																
* * *																															
NOVEMBER 1972																															
LELE I. KUSAIE	MAX	88	88	87	88	89	87	87	88	88	88		89	87	88	89	87	88		89	89	90	89	86	88	90	87	87	84	81	89		87.7
	MIN	74	74	72	73	75	73	73	73	74	73		75	72	74	75	72	74		75	75	76	74	72	74	75	71	66	68	77	75		73.4
SWAINS ISLAND	MAX	88	89	90	82	88	82	86	85		87	88	88	86	85	88	88	88	88	82	89	90	90	90	88	90	89	88	90	90	90		87.7
	MIN																																
* * *																															
DECEMBER 1972																															
SWAINS ISLAND	MAX	91	89	88	90	91	91	90	88	86	83	84	89	90	90	89	88	89	87	86	91	91	80	90	91	88	83	87	87	82	88	84	87.8
	MIN																																
* * *																															
JANUARY 1973																															
SWAINS ISLAND	MAX				85	88	87	87	90	90	91	90	91	90	87	87	88	90	91	83	79	88	82	83	87	79	82	78	83	83	81	80	85.7
	MIN																																
* * *																															
FEBRUARY 1973																															
SWAINS ISLAND	MAX	85	80	88	91	90	88	82	88	82	83	79	88	88	85	85	88	89	87	89	90	84	80	89	90	86	90	90	89				86.5
	MIN																																
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See Reference Notes Following Station Index

CORRECTIONS

DATE	TABLE	DISTRICT	STATION	CORRECTION
ISLAND OF HAWAII				
MARCH 1973	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	S. KONA 04	KEALAKEKUA 26.2	AVERAGE MAXIMUM TEMPERATURE, HIGHEST TEMPERATURE AND DATE, MISSING
MARCH 1973	DAILY TEMPERATURE	S. KONA 04	KEALAKEKUA 26.2	DELETE DATA FOR ENTIRE MONTH
APRIL 1973	MONTHLY SUMMARIZED STATION & DIVISIONAL DATA	S. KONA 04	KEALAKEKUA 26.2	AVERAGE MAXIMUM TEMPERATURE, AVERAGE, HIGHEST TEMPERATURE, AND DATE, MISSING
APRIL 1973	DAILY TEMPERATURE	S. KONA 04	KEALAKEKUA 26.2	DELETE DATA FOR ENTIRE MONTH

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610			C		MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A	C		LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275			C		LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HOKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A	C		KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A	C		LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A	C		KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	317		WI	C		NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150			C		KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A	C		LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8AC	J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300			C		GROVE FARM COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A	C		MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A	C		EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740			C		LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A	C		MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320			C		DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A	C		DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20		9P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565			C		J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170			C		BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30			C		LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI	C		WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR	C		H. V. VON HOLT

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID	C	J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID	C		NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10			C		MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A	C		LOWE EASTIN INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A	C		KAILUA FIRE STATION
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7	3056	01	OAHU	1	21 19	157 41	1200			C		NATIONAL WEATHER SERV.
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P	C		PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240			C		MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A	C		CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410			C		EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	225			C		CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015			C		FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775A	6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A	C		WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2 A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A	C		PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20			C		DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900			C		JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000			C		BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A	C		WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A	C		WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A	C		WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40			C		MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803 A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180			C		WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2	9534	01	OAHU	1	21 20	157 43	120			C		WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A	C		WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70			C		MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A			DEL MONTE CORPORATION
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A	C		DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10			C		MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A	C		PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI	C		MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI	C		LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A	C		DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI	C		LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI-252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050			C		MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4	0834	02	MAKAWAO	1	20 55	156 19	610			C		R H TAFT
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A	C		LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A	C		HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100			C		STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650			C		EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID	C	J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020			C		KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A	C		HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A	C		KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A	C		PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A	C		E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343 A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A	C		ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR	C		MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A	C		HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A	C		HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A	C		KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A	C		SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MIDC	J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040			C		SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A	C		MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700			C		RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700			C		KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A	C		MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280			C		STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A	C		STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI	C		MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

STATION INDEX

HAWAII AND PACIFIC
JUNE 1973

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615			C		STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650			C		STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HUNOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR	C		STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A	C		MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A	C		PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI	C		HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830			C		KAHUA RANCH

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N												
□ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
□CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			RUGER SKILLING
MAJURO WSO AP R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 10/1/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY [illegible] DATA HAWAII.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

\- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

\+ And also on an earlier date or dates.

\-/ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

[illegible] Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

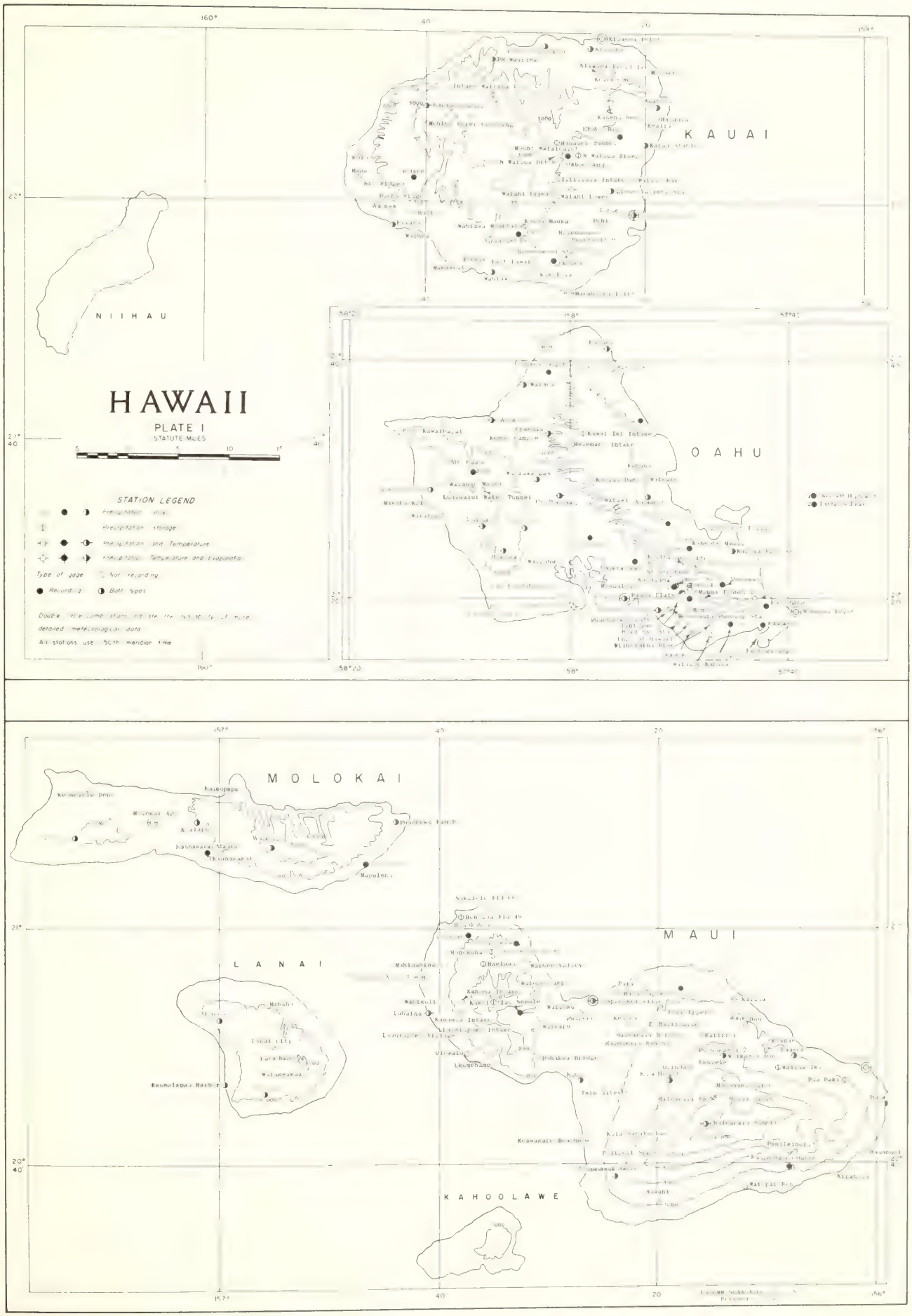
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

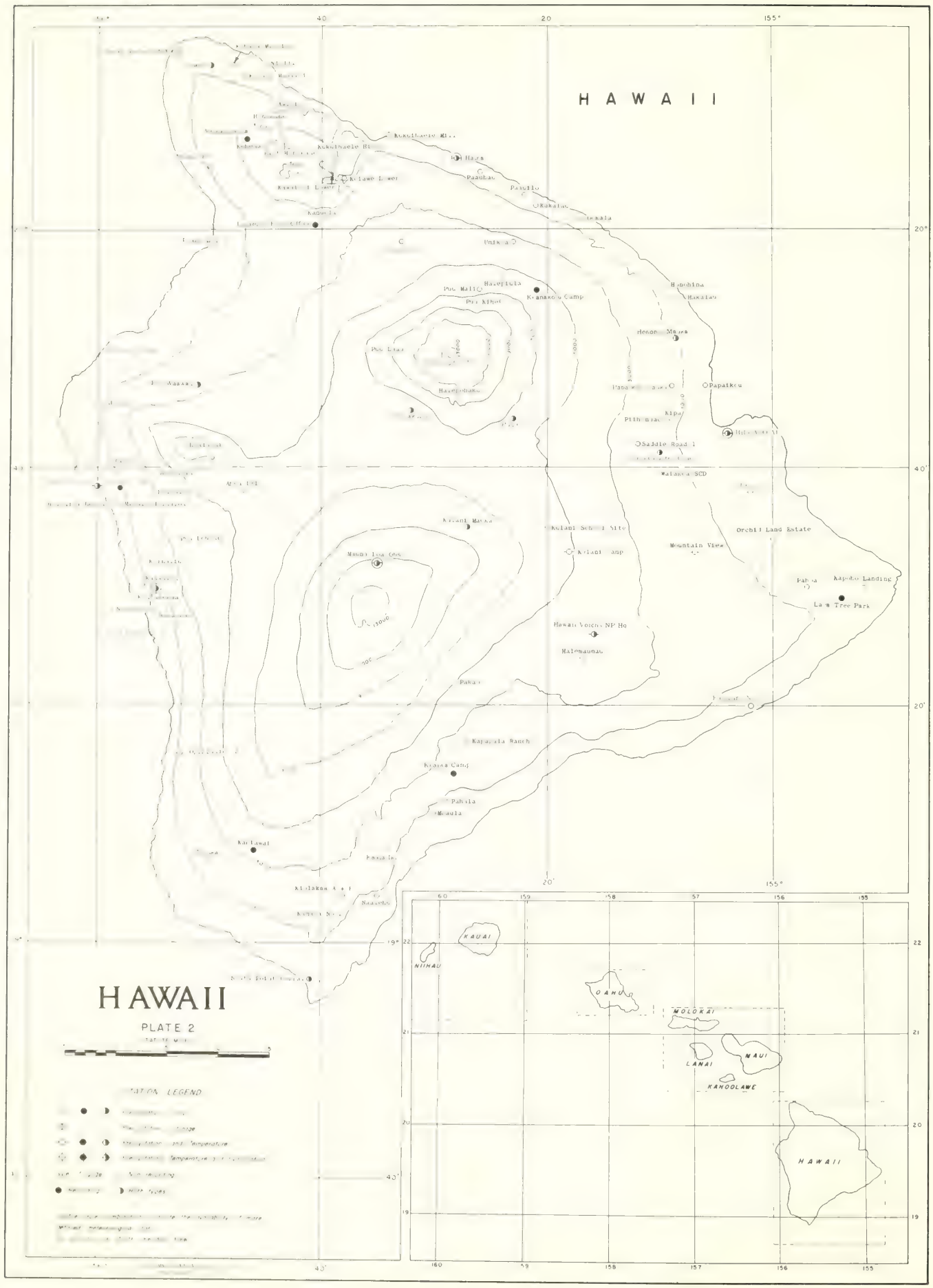
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

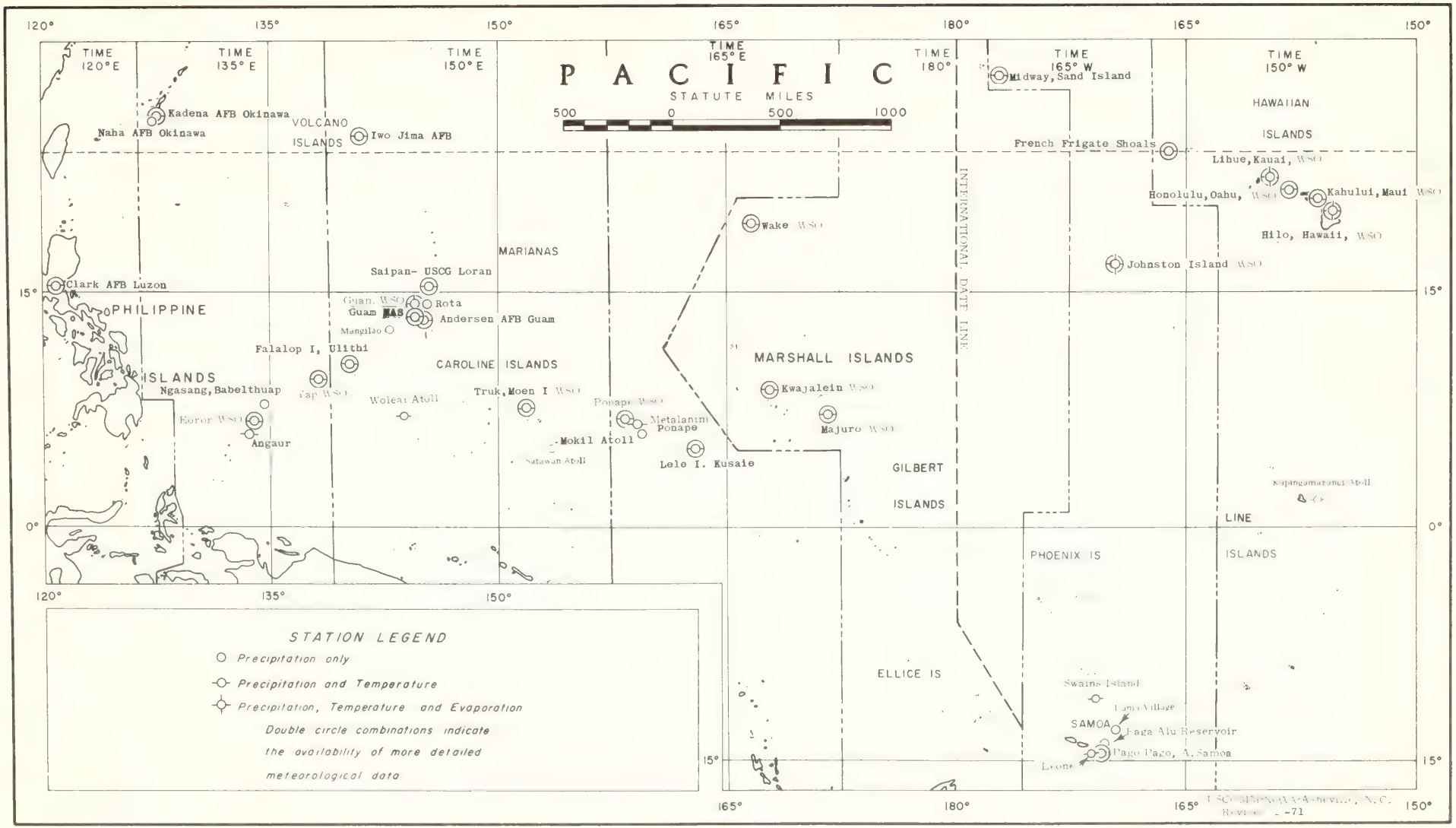
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

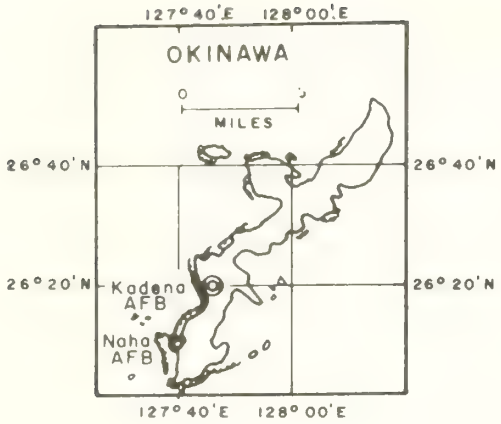
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

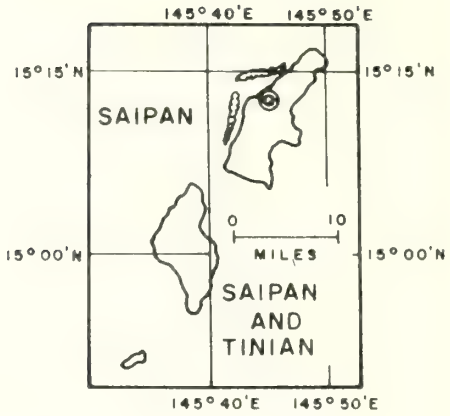
William H. Haggard
Director, National Climatic Center

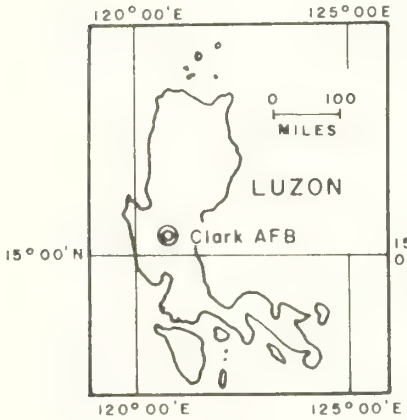

HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
Precipitation storage
Precipitation and Temperature
Precipitation Temperature and Evaporation
Type of page
Not recording
Recording
Both types
Double dots indicate stations at which hourly observations of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE

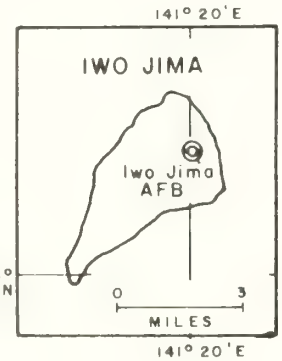

HAWAII
Kilauea Lower
Kapoho
Pahoa
Kalapana
Kaimu
Kamoamoa
Kalapana 4 E
Naalehu
Kaalaiki
Kaalaiki Ranch
Kaalaiki Camp
Pahala
Meaula
Kaalaiki
Kaalaiki Mauka
Kaalaiki Sch. & Site
Kaalaiki Camp
Mauna Loa Obs.
Hawaii Volcs. NP Hq
Halemaumau
Pakaa
Kapapala Ranch
Kapapala Camp
Mountain View
Orchid Land Estate
Kapoho Landing
Lava Tree Park
Saddle Road 1
Waiakea SCD
Hilo Airport
Papaikou
Hakalau
Honohina
Kaiwiki
Kaumana
Kaumana Camp
Hilo
Waiakea
Keaau
Olaa
Volcano
Kilauea Iki
Kilauea Crater
Kilauea Caldera
Kilauea Military Camp
Kilauea Overlook
Kilauea Visitor Center
Kilauea Lower
Kapoho
Pahoa
Kalapana
Kaimu
Kamoamoa
Kalapana 4 E
Naalehu
Kaalaiki
Kaalaiki Ranch
Kaalaiki Camp
Pahala
Meaula
Kaalaiki
Kaalaiki Mauka
Kaalaiki Sch. & Site
Kaalaiki Camp
Mauna Loa Obs.
Hawaii Volcs. NP Hq
Halemaumau
Pakaa
Kapapala Ranch
Kapapala Camp
Mountain View
Orchid Land Estate
Kapoho Landing
Lava Tree Park
Saddle Road 1
Waiakea SCD
Hilo Airport
Papaikou
Hakalau
Honohina
Kaiwiki
Kaumana
Kaumana Camp
Hilo
Waiakea
Keaau
Olaa
Volcano
Kilauea Iki
Kilauea Crater
Kilauea Caldera
Kilauea Military Camp
Kilauea Overlook
Kilauea Visitor Center
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
HAWAII
PLATE 2
STATION LEGEND

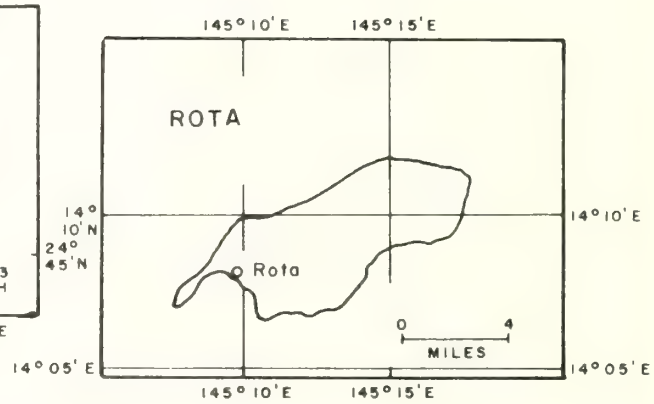

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
120°
135°
150°
165°
180°
165°
150°
15°
0°
Kadena AFB Okinawa
Naha AFB Okinawa
VOLCANO ISLANDS
Iwo Jima AFB
Midway, Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue, Kauai, WSO
Honolulu, Oahu, WSO
Kahului, Maui WSO
Hilo, Hawaii, WSO
Johnston Island WSO
Wake WSO
INTERNATIONAL DATE LINE
MARIANAS
Saipan- USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Guam, WSO
Guam MAS
Rota
Andersen AFB Guam
Mangilao
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO
Woleai Atoll
Truk, Moen I WSO
Ponape WSO
Metalanim
Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Koror WSO
Angaur
MARSHALL ISLANDS
Kwajalein WSO
Majuro WSO
GILBERT ISLANDS
Kapingamarangi Atoll
LINE ISLANDS
PHOENIX IS
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Pago Pago, A. Samoa
Leone
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data

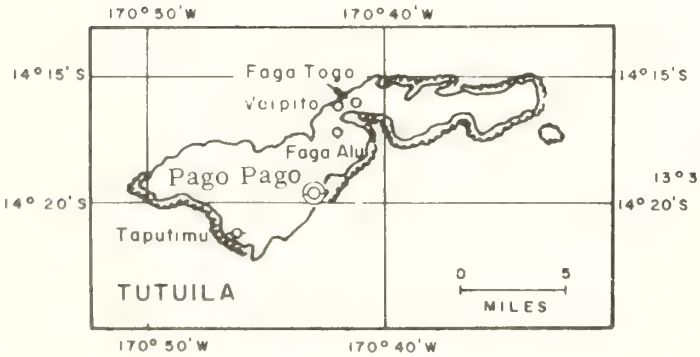

127°40'E
128°00'E
OKINAWA
0
MILES
26°40'N
26°20'N
Kadena AFB
Naha AFB

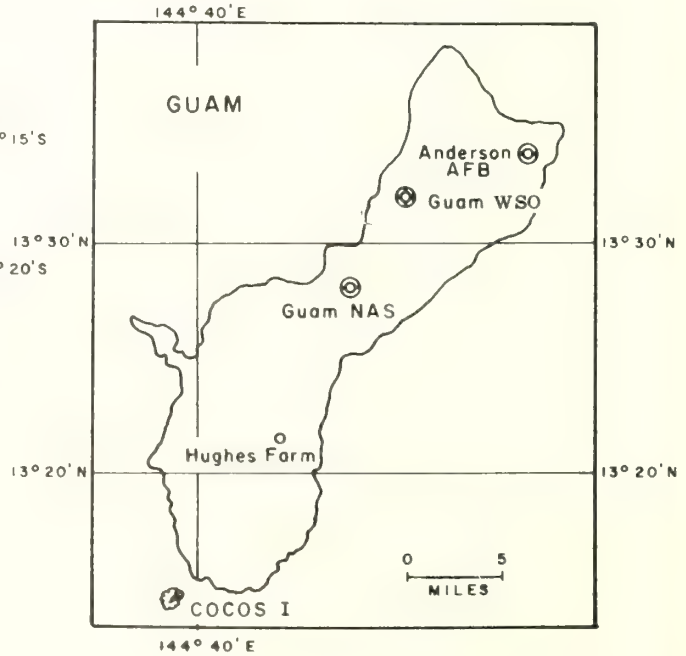

145°40'E
145°50'E
15°15'N
SAIPAN
0
10
MILES
15°00'N
SAIPAN AND TINIAN


120°00'E
125°00E
0
100
MILES
LUZON
Clark AFB
15°00'N

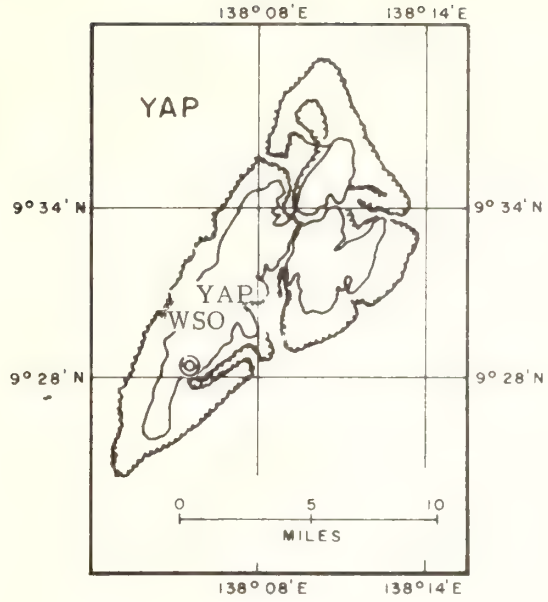

141°20'E
IWO JIMA
Iwo Jima AFB
0
3
MILES
24°45'N

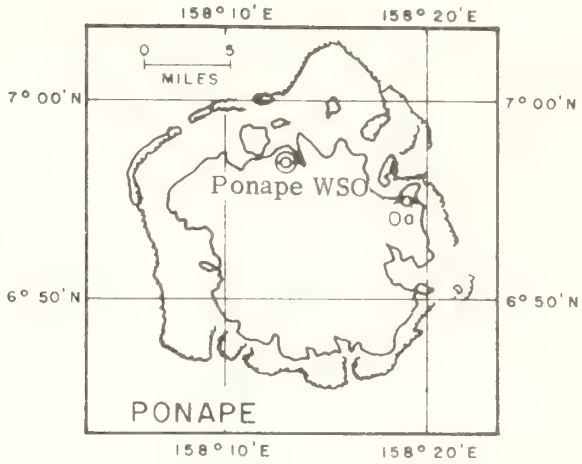

145°10'E
145°15'E
ROTA
14°10'N
Rota
0
4
MILES
14°05'E

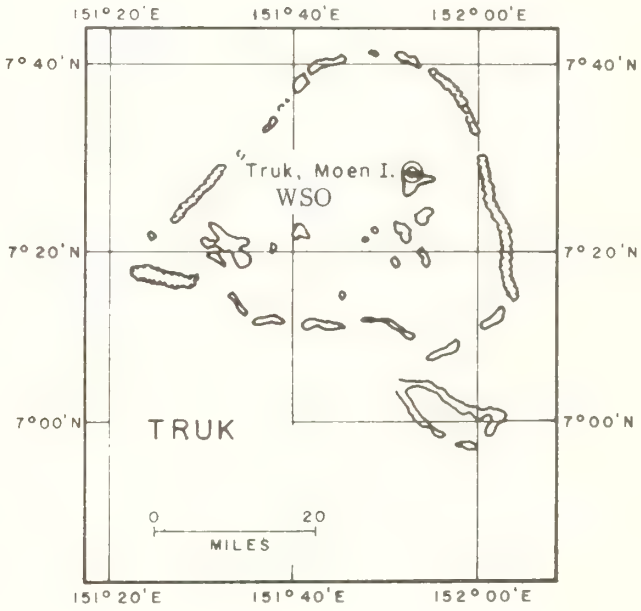

170°50'W
170°40'W
14°15'S
Faga Togo
Vaipito
Faga Alu
Pago Pago
14°20'S
Taputimu
TUTUILA
0
5
MILES

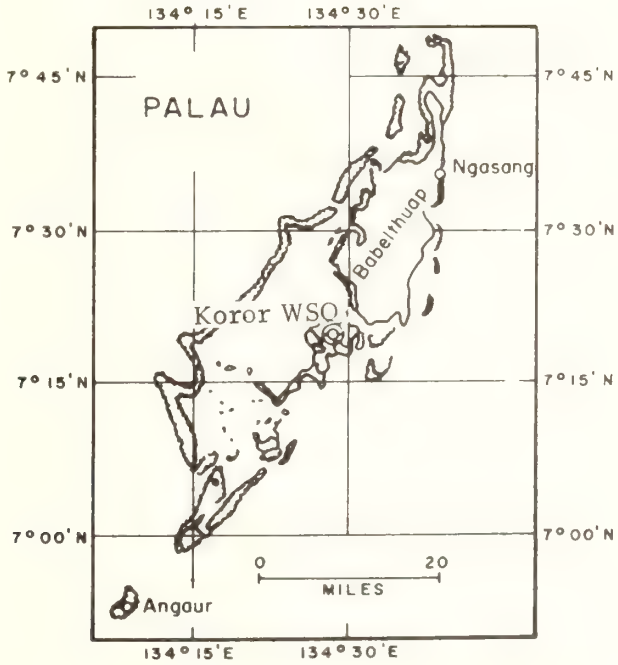

144°40'E
GUAM
Anderson AFB
Guam WSO
13°30'N
Guam NAS
Hughes Farm
13°20'N
COCOS I
0
5
MILES

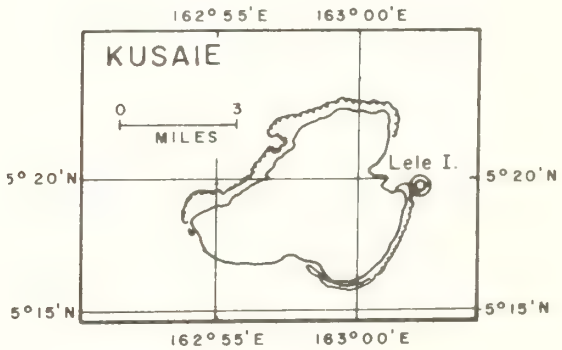
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
YAP WSO
0
5
10
MILES

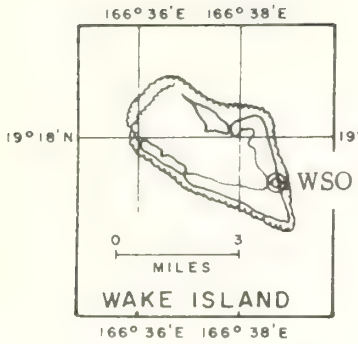

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Oa
PONAPE

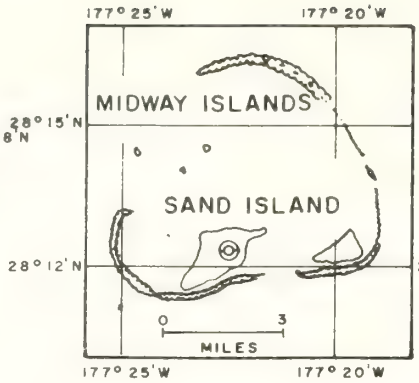

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO
TRUK
0
20
MILES

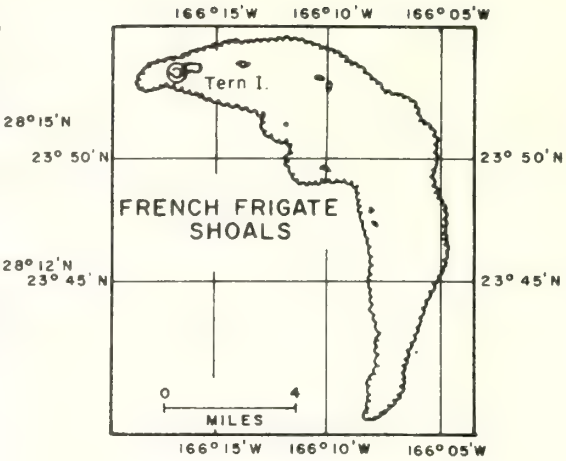

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Angaur

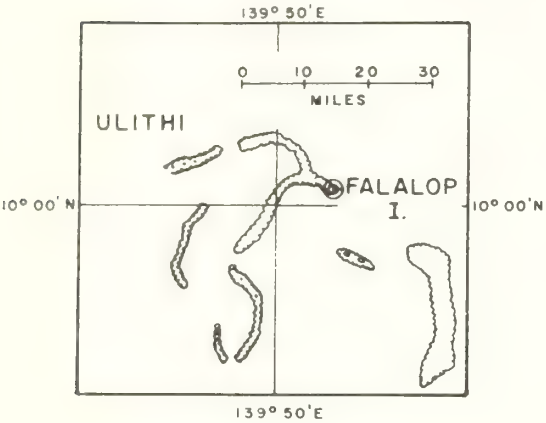

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
Lele I.
5° 20' N
5° 15' N

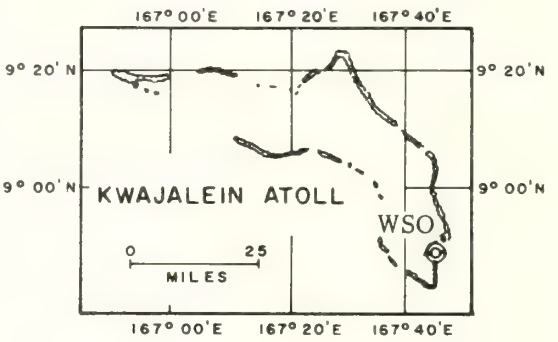
— Reef

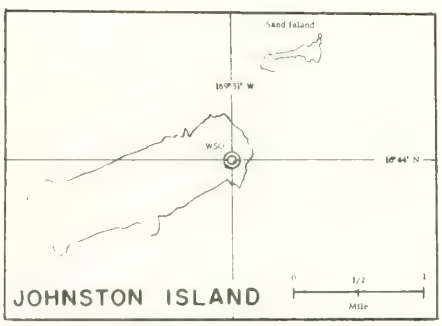

166° 36'E
166° 38'E
19° 18'N
WSO
0
3
MILES
WAKE ISLAND

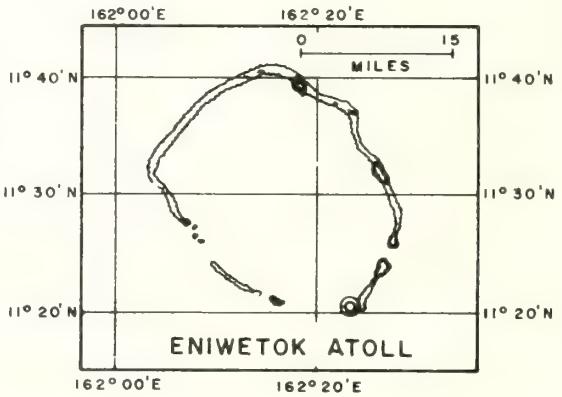

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

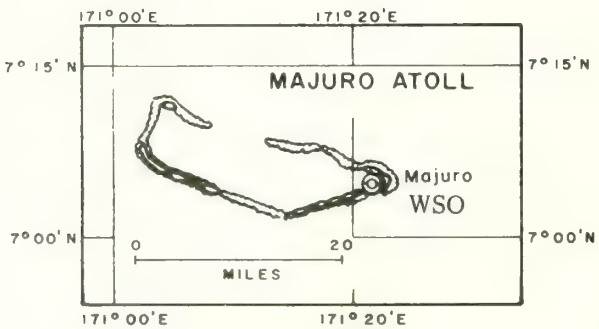

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO
0
25
MILES


JOHNSTON ISLAND


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO
7° 00'N
0
20
MILES

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NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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ARTMENT OF
MMERCE
BLICATION

CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
94° ON THE 2D AT KEAWAKAPU BEACH 260.2, MAUI

LOWEST TEMPERATURE:
34° ON THE 10TH AT MAUNA LOA SLOPE OBS, HAWAII

GREATEST TOTAL PRECIPITATION:
20.01 INCHES AT MOUNT WAIALEALE 1047, KAUAI

LEAST TOTAL PRECIPITATION:
.00 INCH AT 20 STATIONS

GREATEST ONE DAY PRECIPITATION:
5.26 INCHES ON THE 9TH AT MANOA TUNNEL 2 716, OAHU

NOV 19 1973

JULY
1973
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MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																							
* * *																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A														1.96	- .43	.70	4	.0	0		1	0
KANALOHULUHULU 1075		73.2	54.4	63.8		78	29+	43	27		0	0	0	0	1.58		.54	17	.0	0		1	0
KAPAA STABLES 1104	A														1.36				.0	0		0	0
KILAUEA FIELD 17 1135	A																		.0	0			
KILAUEA POINT 1133		83.1	69.5	76.3		87	20	68	30+		0	0	0	0	.72		.19	3	.0	0		2	0	0
KOLOA 936	A														4.00	- 1.06			.0	0				0
LIHUE WSO 1020.1 AP	//R	84.2	73.4	78.8	1.2	86	31+	68	26		0	0	0	0	.95	- .99	.16	3	.0	0		4	0	0
MANA 1026		87.4	67.2	77.3	- .6	89	30+	63	23		0	0	0	0	.11	- .45	.11	17	.0	0		1	0	0
N WAILUA DITCH 1051	A														6.77				.0	0				
PH WAINIHA 1115															V 7.67				.0	0				
PUEHU RIDGE 1040															.27		.27	17	.0	0		1	0	0
WAHIAWA 930	A														.91	- .78			.0	0			0	0
WAIAHI LOWER 1054		81.0	65.1	73.1		84	30+	60	26		0	0	0	0	5.73		1.00	4	.0	0		16	3	1
WAIMEA 947															.00	- .47	.00		.0	0		0	0	0
ISLAND				73.9											2.03				.0					
* * *																							
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		81.5	71.7	76.6		84	29+	70	16+		0	0	0	0	3.64		.51	30	.0	0		10	1	0
HONOLULU OBSERV 702.2															.47		.21	2	.0	0		1	0	0
HONOLULU WSO 703 AP	R	87.5	73.4	80.5	1.7	89	30+	70	19		0	0	0	0	.46	.02	.12	2	.0	0		1	0	0
KANEOHE MAUKA 781		81.4	71.3	76.4	- .1	85	29	69	26+		0	0	0	0	6.01	1.70	1.58	10	.0	0		14	4	1
KOOLAU DAM 833	A														9.22	- .56	1.84	4	.0	0		15	6	4
LUALUALEI 804	A	88.1	71.1	79.6		92	22	67	25+		6	0	0	0	.05				.0	0		0	0	0
MAKAPUU POINT 724		78.7	69.4	74.1		81	28+	67	29+		0	0	0	0	2.36	1.52	.65	9	.0	0		6	2	0
NUUANU RES 4 783															8.98	.31	2.56	9	.0	0		16	5	2
OPAEULA 870	A	80.0	65.3	72.7	.5	84	31	62	25+		0	0	0	0	2.40	- .90			.0	0				0
PALOLO VALLEY 718	R														16.52	5.71	4.80	9	.0	0		22	6	5
PRI WAHIAWA 820.2	A	83.5	66.4	75.0		87	30+	62	23		0	0	0	0	1.60				.0	0				0
WAHIAWA DAM 863	A														1.51				.0	0				0
WAIAHOLE 837	A														11.79	.85	3.60	10	.0	0				
WAIALEE 896.3		84.8	71.4	78.1		88	23	70	27+		0	0	0	0	1.89		.28	3	.0	0		8	0	0
WAIALUA 847	A	84.5M	66.7M	75.6M	- .6	88	28+	62	19		0	0	0	0	.79	.05	.22	4	.0	0		4	0	0
WAIKIKI 717.2		85.9M	71.2M	78.6M		88	28+	67	27+		0	0	0	0	.40		.10	9	.0	0		1	0	0
WAIMANALO EXP FARM		83.1	71.7	77.4		85	31+	69	25+		0	0	0	0	2.71		.68	10	.0	0		8	2	0
WAIPAHU 750	A														.43	- .24			.0	0			0	0
ISLAND				76.8											3.96				.0					
* * *																							
ISLAND OF MOLOKAI																							
KUALAPUU 534	A														.42	- .46	.15	18	.0	0		0	0	0
MAPULEHU 542															4.41	1.47	.90	18	.0	0		17	2	0
MAUNALOA 511	A														.43	- .83	.20	18	.0	0		2	0	0
MOLOKAI AP 524		81.8	70.5	76.2		84	31+	69	21+		0	0	0	0	.25		.12	9	.0	0		1	0	0
ISLAND				76.2											1.38				.0					
* * *																							
ISLAND OF LANAI																							
LANAI CITY 672	A	76.5	65.6	71.1	.0	80	31	64	30+		0	0	0	0	.22	- 1.50	.10	15+	.0	0		2	0	0
ISLAND				71.1											.22				.0					
* * *																							
ISLAND OF MAUI																							
HALEAKALA B E S 434	A														.79	- 3.34	.20	2	.0	0		2	0	0
HALEAKALA RS 338		66.1	47.3	56.7		75	7	39	19		0	0	0	0	.64		.22	26	.0	0		2	0	0
HANA AIRPORT 355		83.7M	69.5	76.6M		90	31	67	26+		1	0	0	0	4.49		.43	17	.0	0		15	0	0
HONOKOHUA 493	A														1.48	- .90			.0	0			0	0
KAANAPALI AIRPORT		84.7	70.5	77.6		86	31+	66	21		0	0	0	0	T		T	15	.0	0		0	0	0
KAHULUI WSO 398 AP	R	84.8	70.6	77.7	- .6	89	30	63	26		0	0	0	0	.02	- .41	.02	1	.0	0		0	0	0
KAILUA 446		77.5	66.7	72.1	- .6	80	31+	62	18		0	0	0	0	6.23	- 3.92	.67	3	.0	0		16	5	0
KEANAE 346	A														9.30	-10.57			.0	0				
KIPAHULU 258															8.56	- .95	3.43	1	.0	0		19	3	1
KULA SANATORIUM 267		74.4	58.4	66.4	.4	79	31	55	29+		0	0	0	0	.48	- 1.58	.20	26	.0	0		2	0	0
LAHAINA 361		88.0	65.3	76.7		91	9	63	19		2	0	0	0	.00	- .11	.00		.0	0		0	0	0
PAIA 406															.15	- 1.74	.05	2	.0	0		0	0	0
WAILUKU 386	A	M	M	M		85	31	69	17+		0	0	0	0	.02	- .69	.02	17	.0	0		0	0	0
ISLAND				72.0											2.48				.0					
* * *																							
ISLAND OF HAWAII																							
HAINA 214		81.4	68.0	74.7	.6	83	31+	66	25+		0	0	0	0	2.07	- 1.39	.64	5	.0	0		4	1	0
HAWAII VOLCNS NP HQ 54		70.5	54.9	62.7	- .2	74	27+	52	29+		0	0	0	0	1.89	- 3.23	.69	4	.0	0		3	1	0
HILO WSO 87 AP	R	83.0	68.4	75.7	.8	86	29+	65	23+		0	0	0	0	4.40	- 5.42	.51	10	.0	0		15	1	0
HUEHUE 92.1	A														.36	- 2.14			.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation									
										No. of Days									Snow, Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		77.6	62.7	70.2		81	4	60	30+		0	0	0	0	3.75	- 4.80	.68	29	.0	0		9	3	0
KEAAU 92		80.4	65.8	73.1	- 1.3	83	31	61	4		0	0	0	0	5.09	- 5.05	.66	15	.0	0		17	2	0
KEALAKEKUA 26.2		M	M	M		82	7	61	31+		0	0	0	0	3.49		.82	25	.0	0		7	3	0
KONA (KAILUA) 68.3	A	82.0	70.2	76.1		85	30+	65	7		0	0	0	0	.57		.40	24	.0	0			0	0
KUKUIHAELE HIC 199															3.26	- 2.28	.74	5	.0	0		11	2	0
KULANI CAMP 79		65.6	48.2	56.9		72	13+	42	29+		0	0	0	0	1.85		.46	3	.0	0		4	0	0
PAHALA 21	A	82.8M	63.3M	73.1M	- .1	84	26+	61	20		0	0	0	0	.19	- 1.33	.09	23	.0	0		0	0	0
POHAKULOA 107	A														*				.0	0				
PUAKO 95.1	A	86.1	72.0	79.1		88	29+	68	25		0	0	0	0	T		T	25+	.0	0		0	0	0
PUU WAAWAA 94.1	A														.26	- 1.84	.23	17	.0	0		1	0	0
UMIKOA 118															V 1.16		.08	15+	.0	0		0	0	0
WAIAKEA SCD 88.2															8.05		1.33	5	.0	0		19	4	2
ISLAND				71.3											2.52				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	R	89.6	76.2	82.9	- .7	93	31	71	13		18	0	0	0	.90	- 1.69	.68	8	.0	0		2	1	0
FAGA ALU RESERVOIR															18.97		4.20	29	.0	0		19	10	4
JOHNSTON WSO AP	R	82.8	76.7	79.8	- 1.3	86	31	71	16		0	0	0	0	.50	- .80	.12	6	.0	0		2	0	0
LEONE		86.0	73.2	79.6		90	14+	70	20+		2	0	0	0	13.84		3.30	6	.0	0		17	11	6
FRENCH FRIGATE SHOALS		86.3	73.0	79.7		90	27+	68	6+		6	0	0	0	1.33		.39	26	.0	0		5	0	0
UJMA VILLAGE															14.86		3.75	6	.0	0		17	9	3
MIDWAY SAND ISLAND		85.0	74.2	79.6		87	31+	69	4		0	0	0	0	2.08		.77	15	.0	0		5	1	0
PAGO PAGO WSO AP	R	84.3	75.4	79.9		86	17+	72	30+		0	0	0	0	8.12		2.17	6	.0	0		13	4	4
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		83.8	76.5	80.2		86	18+	74	24+		0	0	0	0	9.99		1.49	5	.0	0		23	7	3
CLARK AFB LUZON		88.3	75.8	82.1		93	31+	73	24+		19	0	0	0	12.25		2.67	15	.0	0		16	6	5
GUAM NAS		87.7	77.8	82.8		90	28+	76	29+		2	0	0	0	6.04		1.25	22	.0	0		12	3	3
GUAM WSO	R	86.6	73.2	79.9	.4	88	29+	69	29		0	0	0	0	9.55	.57	1.50	22	.0	0		19	6	4
MANGILAO															5.53		1.24	11	.0	0		12	4	1
ROTA															24.16		2.10	16	.0	0		24	19	12
SAIPAN USCG LORAN		90.0	76.0	83.0		96	31+	72	25		17	0	0	0	6.84		2.09	17	.0	0		14	4	1
WAKE WSO AP	R	89.4	76.9	83.2	1.2	90	29+	74	27		15	0	0	0	1.23	- 3.37	.60	27	.0	0		2	1	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															18.51		2.76	13+	.0	0		21	12	6
ENIWETOK																			.0	0				
FALALOP I, ULITHI		87.5M	79.8	83.7M		90	31+	70	23		3	0	0	0	10.95		2.62	10	.0	0		19	8	3
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	87.8	75.9	81.9	1.0	91	31+	73	19		11	0	0	0	12.79	- 2.38	2.12	11	.0	0		17	8	5
KWAJALEIN WSO AP	R	86.2	77.4	81.8	.2	87	31+	73	14+		0	0	0	0	11.29	2.38	2.97	9	.0	0		12	6	4
LELE I. KUSAIE		87.4M	73.6M	80.5M		91	28	69	2		3	0	0	0	9.96		1.91	16	.0	0		16	7	2
MAJURO WSO AP	R	85.0	76.8	80.9	.7	87	29	72	15		0	0	0	0	7.29	- 5.24	1.42	9	.0	0		11	6	3
METALANIM		M	M	M								0	0	0			1.62	22	.0	0		5	3	1
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	88.5	74.4	81.5	1.8	91	31+	71	27+		9	0	0	0	9.40	- 6.82	1.28	5	.0	0		15	6	3
SATAWAN ATOLL																	1.60	23	.0	0				
TRUK, MOEN I, WSO AP	R	87.5	75.7	81.6	1.1	90	21	73	23+		1	0	0	0	13.78	1.45	2.50	5	.0	0		21	10	4
WOLEAI ATOLL		88.1	72.7	80.4		91	8+	68	22		13	0	0	0	8.23		1.49	11	.0	0		18	8	1
YAP WSO AP	R	86.6	75.1	80.9	- .5	89	27+	71	31		0	0	0	0	10.11	- 3.67	1.33	9	.0	0		19	9	3

See Reference Notes Following Station Index

DAILY PRECIPITATION

Continued

HAWAII AND PACIFIC — JULY 1973

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	1.96	*	*	.26	.70	.03		*	*	.17	.03		.03	.05	*	*	.45	.03							.02		.05		*	*	.14	
BRYDESWOOD STA 985	A	2.61	*	.81	.34	*	.71	.18	*	*	.11	.01	.02	.18	.04	*	*	.09	.02				*	*	.01		.01			*	*	.07	.11
EAST LAWAI 934	A	3.55	*	.81	.44	*	.67	.86	*	*	.21	.07	.08	.13	.07	*	*	.12	.09	.02	.01	.02	*	*	.01	.05	.03			*	*	.06	
ELEELE 927	A	.46	*	.23	.05	*	.11	.03					T	.04																			
HALAULA 1110	A	1.83	*	*	.40	.10	.04		*	*	.15	.03		.02	.10	*	*	.52	.03							.10		.20		*	*	.14	
HALENANAHO 1006	A	4.03	*	.99	.34	*	.72	.26	*	*	.32	.08	.06	.24	.11	*	*	.20	.28	.04			*	*	.03	.05	.19			*	*	.06	
HUKIPO 945		.10																	.10														
ILILILIULA INTAKE 1050	A	7.41	*	*	2.55	.95	.35	.37	*	*	.56	.36	.19	.17	.29	*	*	.80	.18	.03			*	*	.09	.25	.02			*	*	.23	
INTAKE WAINIHA PC 1086	A	10.31	*	2.81	.83	*	*	2.45	*	*	.49	*	*	*	.53	*	*	.55	*	*	*	2.34	*	*	*	.05	*	*	*	*	*	.28	*
KANALOHULUHULU 1075		1.58	.42	.18	.10	.10	.03	.08	.02			.01					.05		.54			.3					.02					
KANEHA RESERVOIR 1092	A	3.66	*	*	.77	.33	.10	.05	*	*	.35	.35		.10	.20	*	*	.35	.50	.05	.06		*	*	.06	.11	.10	.5		*	*	.13	
KAPAA STABLES 1104	A	1.36	*	*	.43	.12	.07	.03	*	*	.27	.07			.35	*	*	.10	.07			.02								*	*	.13	
KEALIA 1112	A	.94	*	*	.35	.07	.03		*	*	.16	.04		.01	.07	*	*	.05	.02							.03		.02		*	*	.09	
KEKAHA 944		.01																	.01														
KILAUEA 1134	A	2.11	*	.48	.02	.60	.14	.06		*	.11		.03	.01	.08		*	.12	.26	.06	*	.02				.06					*	.06	
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		.72	.09	.03	.19	.06	.03		.04	.02		.01		.10	.01	.02	.01		.02				.01		.02	.06						
KOLO 1033		.10																	.10														
KOLOA 936	A	4.00	*	.97	.43	*	.53	.28	*	*	.30	.12	.10	.42	.13	*	*	.32	.14	.01		.01	*	*	.01	.07	.06			*	*	.10	
KOLOA MAUKA 994	A	5.09	*	1.25	.52	*	.96	.33	*	*	.38	.09	.06	.46	.13	*	*	.28	.14	.04		.04	*	*	.04	.06	.17			*	*	.24	
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUKUIULA 935	A	1.81	*	.52	.35	*	.26	.16	*	*	.10	.03	.03	.07	.01	*	*	.17	.05	T	T	.02				.02	.01				*	.01	
LIHUE VARIETY STA	A	2.63	*	*	.73	.62	.10	.06	*	*	.36	.08	.04		.13	*	*	.19	.08	.02			*	*	.08	.02	.03			*	*	.07	.02
LIHUE 1020	A	1.90	*	*	.55	.50	.04	.08	*	*	.24	.05	.10	.05	.08	*	*	.15	.02				*	*	.31	.01	.01			*	*	.01	
LIHUE WSO 1020.1 AP	//R	.95	.11	T	.16	.03	.02	.02	.12	T	.02	T	.14	.07	.01	T	.05	.07	T		T			.06	.06	T	T			T	.01	T	
MAKAHUENA POINT 940.1		1.02	.13	.14	.13			.09	.04	.15	.02	.02	.01	.33	.02				.01	.04				.02	.03	.02					.02	.01	.01
MAKAWELI 965	A	.19	.06	.01	.02				.01						.09																		
MANA 1026		.11																	.11														
MOMIHI UPR CROSS 1083	A	1.79	.41	.14	.41	.14	.07			.07	.07					.07	.07	.27							.07								
MOLOAA 1145	A	1.08	*	*	.41	.09	.12	.02	*	*	.12				.06	*	*	.15												*	*	.08	.03
MOUNT WAIALEALE 1047	R	20.01	1.81	1.85	2.01	1.10	1.61	.55	.71	.47	1.02	.39	.05	.79	.51	.28	.35	1.50	.20	.04	.04	.04	.16	.8	.98	.20	.08			.16	.59	.06	.18
NIU RIDGE 1035		.39																	.39														
N WAILUA DITCH 1051	A	6.77	*	*	2.25	.87	.32	.40	*	*	.48	.34	.10	.34	.39	*	*	.61	.10	.03	.03		*	*	.08	.20	.02			*	*	.18	.03
PH WAINIHA 1115	V	7.67	*	1.04	.46	*	.83	.60	*	*	.30	.27	T	.05	.01	*	*	.25	.17	.09	.07	.06				.03	.05			*	*	.02	.03
PRINCEVILLE RANCH 1117	V	4.96	*	.68				.91	*	*	.18	.12	.06	.09	.10	*	*	.29	.21	.14		.66	*	*	.05		.25			*	*	.15	
PUEHU RIDGE 1040		.27																	.27														
PUHI 1013	A	3.31	*	.55	.50	*	.64	.16	*	*	.30	.09	.10	.14	.13	*	*	.19	.13	.08			*	*	.10	.05	.06	.01		*	*	.05	
RESERVOIR 6 1004	A	4.68	*	1.03	.37	*	1.09	.23	*	*	.35	.12	.30	.18	.18	*	*	.20	.23	.04			*	*	.03	.06	.18			*	*	.10	
WAHIAWA 930	A	.91	*	.43	.10	*	.15	.10	*	*	.04	T	.01	.04	.02	*	*	.02														T	T
WAIAHI LOWER 1054		5.73	.67	.39	.40	1.00	.33	.36	.26	.09	.02	.16	.09	.14	.29	.09	.13	.58	.18	.03				.12		.14			.04	.20		
WAIAHI UPPER 1052		5.68	.47	.50	.30	.90	.32	.32	.25	.04	.04	.22	.10	.30	.10	.20	.25		.15	.05				.25	.20	.19			.15	.15	.03	
WAIAWA 943		.18		.07								.02							.09														
WAILUA KAI 1065	A	.95	*	*	.28	.22	.12	.06	*	*	.02			.02	.03	*	*	.05	.02	.05			*	*	.03		.03			*	*	.02	
WAIMEA 947		.00																															
WEST LAWAI 931	A	1.58	*	.55	.27	*	.27	.17	*	*	.05	.04	.03	.06	.02	*	*	.06	.02	T	T					.01	.01			*	*	.02	
* * *																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		1.59	.16	.26	.25	.06		T	.30	.28	.22	.01					.03			.01		.01									T	T
CAMPBELL IND PK 702.5		.31	.02	.15	.05	T		T		.03	.06																					
CAMP 84 807	A	.65	*	.27	.07	.15		*	*	*	.11							.05														*	
CHURCH COLLEGE LAIE		3.64	.23	.36	.05	.09	.16	.26	.31	.27	.16	.07	.09	.03	*	*	*		.09	.09	.15	.06	.07	.01	.08		.02		.08		.51	.42
COCONUT ISLAND 840.1		2.77	.27	.30	.08	.01	.03	.04	.02	.10	.40	.31	.04	.05	.01		.06	.09	.16		.05				.01	.09	.34	.36			.0		
EWA PLANTATION 741		.42		.27	.02		.04	*	*	*	.09																						
HELEMANO INTAKE 881	A	3.28	*	1.12	*	*	1.02	*	*	*	.49	*	*	.08	*	*	*	.37	*	*	.03	*	*	*	.02	*	*	.07	*	*	*	.08	*
HOKULOA 725.2	A	1.22	.45	.13	*	*	*	*	*	*	.35	*	*	*	*	*	*	*	.12	*	*	*	*	.11	*	*	*	*	*	*	*	*	.16
HONOLULU OBSERV 702.2		.47	.09	.21	.04	.02				.04	T					T	.07															
HONOLULU WSO 703 AP	R	.46	.08	.12	.04	T	T	T	T	.08	.01	T		T	T	T	.05	.05	.02		T	.01		T	T	T	T	T		T	T	T
HONOLULU SUBSTA 704	R	.77	.13	.35	.04					.11	.12					.02																
H S P A EXP STA 707		2.45	.25	.34	.25	.10	.01	.03		.38	.68	.10	.02		.01		.06		.04	.03		.02			T	.02	.08			.03		T	
KAENA POINT 841.3		1.58		.61	.20		.17	.01			.44	.04	.01												.10							
KAMANA 883	A	25.47	*	5.80	*	*	*	*	*	*	7.90	*	*	*	*	*	*	6.24	*	*	*	*	*	*	3.41	*	*	*	*	*	2.12	*	*
KAHUKU 912	A	1.63	*	*	.59	*	*	*	.05	*	*	*	.06	*	*	*	*	*	*	.45					*	*	.25	*	*	.23			
KAILUA FIRE STA 791.3		2.54	.17		.29		.20		.07	.25	.53	.41		.10		.02		.15	.07	T					.07		.09	.10				.02	
KALIHI RES SITE 777	R	10.70	.94	1.36	.24	.24	.28	.12	.14	.08	3.40	.48	.40	.28	.04	.04	.76	.12	.14		.06	.16			.12	.12	.34	.16		.04		.04	
KANEOHE MAUKA 781		6.01	.57	.73	.23	.07	.05	.06	.02	.28	.88	1.58	.21	.02	.01	.02	.30	.10	.14			.02	.04			.13	.12	.27	.14		.01		.01
KAPALAMA 773	A	2.97	*	.80	.40	*	.43	.04	*	*	.50	.21	.02			*	*	.28	.16			.05	*	*	.02	.04	.02						
KAWAIHAPAI 841	R	.89	*	.38	.01	*	.29		*	*	.15	T	.01			*	*	.03	.01			T											.01
KAWAI IKI INTAKE 880.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEMOO CAMP 8 855	A	.96	*	.28	.10	*	.20		*	*	.20	.03	.02									.10				.01							
KOOLAU DAM 833	A	9.22	1.15	1.56	1.17	1.84	.78	.10	.06	.29	.26	.28	.07		.16	.03	.50		.25			.25			.22	.05	.04	.01			.03		.12
LUALUALEI 804	A	.05	*	.03	.01					.01																							
LUALUALEI WTR TUNNEL	A	9.72	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.72	*	*	*	*	*
MAKAHA KAI 796.1	A	.14	T	.03	.02	T				T	T							.09											T				
MAKAHA PUMP 800.2	A	.76		.03	.40												.32	.01															
MAKAPUU POINT 724		2.36	.13	.27	.64	.02		.09	.02	.15	.65	.53	.02	.08	.02		.17	.02	.01	.03	.02		.01		.02	.01				.04		.01
MANOA 712.1		8.50	.69	.99	.86	.41	.12	.14	.35		1.15	.74	.32	.09	.04	.04	.87	.02	.11	1.15	.01	.05			.05	.05	.18					.05	.02
MANOA TUNNEL 2 716	R	17.94	1.64	2.82	.40	.10	.30	.12	.38	1.64	5.26	1.02	.48	.44	.08	.10		1.38	.12	.16		.08	.16		.18	.26	.46	.06		.20			.08
MOANALUA 770		1.95	.27	.34	.30	.25	.01	.01		.23	.19	.04			*	*	.13		*	.10		.03				.02					.02		.01
NUUANU RES 4 783		8.98	.90	1.38	.34	.12	.24	.06	.16	.52	2.56	.38	.34	.14	.04	.08	.50	.18	.10	.04		.06	.06		.06	.42	.10	.04		.06	.02	.08	
NUUANU RESERVOIR 5 775	A	5.08	*	1.11	*	*	*	*	*	*	2.10	*	*	*	*	*	*	1.14	*	*	*	.44	*	*	*	*	*	*	*	*	*	.23	.06
OPAEULA 870	A	2.40	*	.90	.30	.70	.04	T		.12	.20	.06	T				T	.06	.02			T	T		T		.04	.15	.24		.02	T	.01
PALI GOLF COURSE 788.1		6.13	.58	.60	.28	.07	.20	.12	.08	.30	1.25	.13	1.02	.16	.03		.42	.07	.23	.06		.07											
PALOLO VALLEY 718	R	16.52	1.54	2.84	.14	.10	.30	.24	.32	1.76	4.80	1.10	.30	.32	.14	.22	.50	.16	.20	.42		.08	.04		.20	.42	.14	.12		.08	.04		
PAUOA FLATS 784	R	15.04	1.28	3.18	.50	.34	.28	.16	.24	1.00	3.16	.64	.74	.40	.02	.27	.63	.53	.27	.10		.10	.10		.32	.30	.08	.10		.10			.20
PORTLOCK ROAD 724.4		2.24		.35	.05			.06	.02	.17	.72	.47	.03	.02	T	T	.22	.04			T	T			T		.08			.03			
PRI WAHIAWA 820.2	A	1.60	*	.56	.27	.24			*	*	.31					*	*	.14				.01				.06				*	*	.01	
PUNCHBOWL CRATER 709	A	2.30	.33	.43	.45	.13	.02	.03		.31	.30	.02	.01	.01	.01	.01	.07		.03	.02					.02	.04	.03					.03	
ST STEPHENS SEM 788		6.15	.63	.50	.41	.09	.11	.12	.03	.33	1.35	1.19	.19	.16	.04	.03	.31	.01	.11	.07	.04		.06		T	.04	.15	.09	.03		.02		.04
TANTALUS 2 780.5		9.51	1.45	1.68	1.69	1.03	.08	.17	.02	*	.82	.32	.27	.15	.08	.02	.65	.04	.28	.04	.05		.17	.02	.30		.07	.01	T		.06		.04
UNIV OF HAWAII 713	A	2.83	*	.85	.41	*	.20	.02	*	*	.65	.30	.04	T	.02	*	*	.10	.08	.07		.02			T	T	.05	T		*	*	.02	T
UPPER WAHIAWA 874.3		2.76	.62	.43	.35	.26	.10	.05		.15	.17	.03	.02	T	.08		.15		.08					.05	.02	.09				.05		.06
WAHIAWA DAM 863	A	1.51	*	.68	.13	*	.40	.05	*	*	.07	.05										.12				.01							
WAIAHOLE 837	A	11.79	*	1.96	.41	*	.29	.22	*	*	1.58	3.60	.49	.14	.19	*	*	1.37	.10		.03				.12	.13	.52	.49		.11	.04	
WAIALAE KAHALA 715		1.05	.07	.15	.10	.04		T		.07	.28	.14	.02	T			.06		.01	.04	T	T				.01	.04			T		T	
WAIALEE 896.3		1.89	.22	.12	.28	.07	.03	.03	.05	.11	.12	.19	.11	.06			.03	.24	.05			.02	.01		.03		.07	.02		.01		.02	
WAIALUA 847	A	.79	.20	.18	T	.22		T		.02	.14	.01	T		T		.02		T		T	T				T							
WAIANAE 798.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIANAE MAUKA 803	A	2.74	*	*	*	1.03	*	*	.25	*	*	*	.15	*	*	.60	*	*	*	.10	*	*	.38	*	*	*	.10	*	*	.13	*	*	*	*
WAIANA 836	A	11.37	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.37
WAIKANE 885	A	13.47	*	2.10	*	*	*	*	*	*	5.40	*	*	*	*	*	*	3.10	*	*	*	*	*	*	.98	*	*	*	*	*	*	1.89	*	
WAIKIKI 717.2		.40	.03	.07	.06	.02				.04	.10	.02	T	T	T			.02	.02	.02													
WAIMANALO EXP FARM		2.71	.16	.40	.10	.03	.01	.10	.02	.14	.54	.68	.05	.04	.01	.01	.20	.01		.09							.09	.01	.02				
WAIMEA 892	A	3.31	*	.93	.49	*	.27	.13	*	*	.50	.25	.01		.04	*	*	.30	.21			.02	*	*	.02	.03	.03			*	*	.05	.03
WAIPAHU 750	A	.43	*	.24	.01	*	.05		*	*	.11					*	*	.02							.04	.06	.06						
WILHELMINA RISE 721	R	3.56	.32	.64	.08	.08		.06	.02	.44	.96	.24	.10	.04		.02	.04	.20	.02	.12	.04												

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ISLAND OF KAUAI																																	
[illegible]		.21		.24	.06				.10	.06	.03					.17		.11	.24		.12	.09				.07	.16					
[illegible]	A	.00																														
[illegible]	A	.30								.30																						
[illegible]	A	.42		.2		.01				T	.05						.01	.01		.15					.06							
[illegible]		4.41	.32	.65	.06	.10	.04	.14	.10	.20	.16	.20	.32	.26	.20	.20	.10	.20	.80	.90				.12	.12	.02	.10					
[illegible]	A	.43	.33	.02						.40	.05	.01				.02				.20												
[illegible]		.25	.2	.08	T	T			T	T	.12	T					T			.03												
[illegible]		1.80	.01	.24	.7	.01		.07		.08		.44	.10	.14	.02				.34	.14	.01	.02				.04	.01	.06					
WAIKOLU 540	A	3.41			1.14							1.05							.82							.34					.06	
ISLAND OF LANAI																																	
[illegible]		.13												.10													.03						
[illegible]	A	.03																.03														
LANAI CITY 672	A	.2			T	T	T	T					.10	.01	T	T	.10	T	T	T	T	T	T		T	.01						
LANAIHALE 684	A	.28						.08						.10													.10						
MANELE 694	A	.00																															
MAUNALEI 675	A	.15						.05																			.10						
WAIAKEAKUA 485	A	.34															.03														.01	
ISLAND OF MAUI																																	
[illegible]	A	.22																.14													.08	
HALEAKALA B E S 434	A	.79		.20	.09	.08	.06				.10	.06	.02			.03	.07	.02	.05	.01												
HALEAKALA RANCH 436	A	.00																														
HALEAKALA RS 338		.64			.09	.15	.06	.01			.06	.03	T				T	.01	T	T					.01		T	.22	T	T		
HALEAKALA SUMMIT 338.4	A	.26				.02													.02								.22					
HALIIMAILE 413	A	.18		.06	.01	.03					.02	.02				.02		.01	.01													
HAMAKUAPOKO 445		1.43	.06	.22	.10	.14	.01	.11				.13	.10	.05		.07	.15	.02	.07											.01		
HANA 354	A	3.02		.36		.22	.12	.08	.18		.27	.32	.10	.14	.10	.08			.49			.17				.09	.08	.06		.15			
HANA AIRPORT 356		4.49	.05	.36	.32	.09	.41	.18	.12	.17	.42	.20	.28	.12	.20	.07	.21	.09	.43	.23	.06		.07	.06	.01	.09	.11		.06		.02	.06	
HANAHUI 281		5.41	.92	.10	.16	.06	.12	.16	.08	.09	.22	.32	.36	.32	.06	.02	.42	.65	.76	.12			.04		.19	.12	.02	.06	.04				
HOLUA CABIN 259.5	A	.53		.08		.17		.06												.10					.03			.09				
HONOKOHAU 480	A	7.42																														7.42
HONOKOWAI 493	A	1.48		.30	.16	.08	.03	.02			.35	.10	.11	.10				.13	.10													
HONOMANU GULCH 341	A	3.20																														3.20
KAANAPALI AIRPORT		T															T														
KAHOMA INTAKE 374	A	1.85																														1.85
KAHOOLUI WS, 398 AP	R	.02	.02	T			T		T	T		T				T													T			
KAILILI 436	A	.83																														.83
KAILUA 444	A	6.23	.22	.57	.47	.35	.30	.42	.04	.05	.61	.45	.53	.17	.14	.21	.60	.04	.29	.11	.03	.01	.04	.07		.07	.07			.10	.05		.02
KAUALUA INTAKE 375	A	1.43			.10						1.22																					
KEAHUA 410		T		T																												
KEANAE 346	A	9.30																														9.30
KEANAKAPU BEACH 260.2		.00																														
KIHEI 311		.00																														
KIPAHULU 258		8.58	3.43	.86	.26		.22	.11	.57	.10	.21	.33	.22	.40	.22	.30	.42	.17	.20	.10	.17	.13	.05				.08		.03				
KULA HEIGHTS 323.2		.00																														
KULA SANATORIUM 267		.48			.12												.05		.02						.05			.20			.04		
LAHAINA 361		.00																														
LAUNIUPOKO INTAKE 376	A	1.70																														1.70
LAUNIUPOKO VILLAGE 372	A	.00																														
LIPI UPPER 442	A	6.20																														6.20
MAHINAHINA 466	A	.45		.15	.10						.08	.02					.10																
MAKAWELI FLD 60-497	A	1.71		.11							.83							.46							.18						.13		
OLINDA 332	A	.35		.05	.05	.01					.06	T	T					.01	.01	T			.01		.11	.01	.01	.02	T				
OLOWALU 296		.60																														
PAAKEA 350		10.83	.14	1.18	1.01		1.13	.22		.14	.80	.85	.92	.38	.10	.36	.75	.48	.58	.24	.02	.07	.11	.16	.13	.05	.41	.04		.13	.40		.03
PAIA 406		.15	T	.05	.0	.01					.04	.01	T			T	.02														.01		
PANUEIMULU 259.2	A	.24													.24																		
POHAKEA BRIDGE 307.2	A	.00																															
POLIPOLI SPRINGS 267.2	A	1.74																													1.74		
PUOMOKAMOA 2 343	A	3.80																														3.80	
SUNSET 396		T														T																
SPRECKELSVILLE 400.2		.03		.03							T					T																
TWIN GATES 261.3	A	.00																															
UKULELE 333	A	1.27																														1.27	
UKUMEHAME 30	A	.00																															
UPPER KULA RANCH 250		.92			.11													.19								.06	.56					
WAHIAWA 364	A	.03			.03																												
WAIEHU CAMP 484	A	.40			.06																						.01			T			
WAIHEE VALLEY 482	A	1.28			.19					.06	.19					.05		.10	.14								.10			.03			
WAIKAMOI 449	A	5.90																														5.90	
WAIKAMOI DAM 336	A	8.33	.02	1.06	1.34	.36	.29	.20			.68	.40	.81	.10	.04	.20	.65	.33	.56	.24	.01	.03	.05	.05	.12	.05	.29	.25	.01	.05	.12	.02	T
WAIMAPU 390	A	.00																															
WAILUKU 384	A	.02																	.02														
WAIOPAI RANCH 256	A	.08																				.08											
ISLAND OF HAWAII																																	
AHUA 1KI 75	A	.30																														.30	
AMINI 1AZ.1	A																																
CITY OF REF OF 27.4		.48	T	T	T		T	.04			.06			.01	.01	T		T			T	T	.19		.03	T	.02				.12	
EAST MONOWAI 193.2	A																																
HAINA 214		2.67	.07		.06	.06	.64	.03	.06	.64	.07	.09	.01	.06		.10	.29	.06	.03						.02	.06	.22		.04	.06			
HAKALAU 1.42		5.48	.15	.10	.37	.08	.96	.20	.03	.20	.33	.19	.37	.26	.04	.30	.47	.11	.34		.01	.08	.19	.02		.09	.02			.04	.11		.12
HALEMAUMAU 52	A	.35															.35															T	
HALEPUA 117	A	.00																															
HALEPUHA 1.1	A	T	T		T																												
HAWAII VOLCANOES NP 54		1.89	.08	.03	.32	.69	.36	.02			.02		.06	.02	T	.02	.07	.02	.05	T			.04		.02	.01	T			.03		.05	T
HAWI 108	A	2.76		.10	.15	.15	.45				.53	.19	.13	.20	.03			.23				.01			.11	.02	.03					.38	.05	
HILO COUNTRY CLUB 84.4		9.02	.32	.07	.91	.94	2.13	.41	.03	.21	.14	.35	.63	.27	T	.11		1.38	.57	T		T	.10	T	.11	T	T	T	T	.03	.24		.07
HILO 400 AT AP	R	4.40	.09	.24	.23	.26	.19	.07	.18	.21	.31	.51	.05	.07	.11	.24	.37	.17	.28	.08	.05	.11	.08	T	T	.04		.03	.01	.28		.04	.08
HOLUALOA 70	A	1.80																														1.80	
HOLUALOA REG HAB	A	1.50												.85													.65						
HONAUNAU 27		3.14			.28		.11				.10		.02		.04			.03									2.05	.03	.09			.39	
HONOMUNA 137		6.80	.02	.07	.43	.11	1.31	.22	.03	.19	.49	.35	.31	.33	.30	.22	1.11		.38	.01			.26			.10	.06			.04	.08	.01	.17
HONOKAAE 181.1	A	6.00											6.00																				
HONOMU MAUKA 139		10.84	.21	.09	.88	.15	2.19	.40	.10	.31	.33	.52	.26	.31	.14	.36	2.14	.14	.83			.30	.21	.03		.12	.13	.01	.01	.07	.23	.02	.37
HONUAULA 71	A	.61																														.61	
HUALALAI 72	A	.00																															
HUEHUE 92.1	A	.34	.20													.08			.08												.58		
KAALA IKI 12	A	.66						.03				.03										.02											
KAAWALOA 29	A	3.53		.13			T	.16			.09		.10					.54		T	.21				.07	.45	.94		.04			.55	.25
KAINA [illegible]		3.75	.02	.03	.09			.51	T	.06	.02	.02	.25				.15	.01		.08	.44	.07		.10	.01	.31	.65	.03	.17	.05	.68		
KALAPANA NO 1 67.8		1.02	1	.05	.07	.29	.22	T		T	T	.05	T	.09	T	T	.02	.02					.06							.12		.04	
KAMAOA NO 2 5	A	.64								.03							.40							.03						.18			
KAMUELA 192.2		1.19	.05		.03		.22	.07	.04	.27	.12	.02	.02	.05	.01	.03	.03	.02						.02	.02	.05		.10		.05	.02		
KAPAPALA RANCH 86	A	.41															.06							.20							.15		
KAPOHO LANDING 93.5	A	3.35						.06							1.09							.58							.62				
KAWAINUI TANK 193	A	3.55						3.78							5.90							.98						2.87				
KEAAU 98		5.09	.17	.14	.13	.32	.33	.29	.08	.27	.27	.12	.56	.23	.02	.06	.66	.18	.21			.03	.10	.03		.07	.07	.03		.02	.30		.14

See reference notes following Station Index

DAILY PRECIPITATION

Continued

HAWAII AND PACIFIC
JULY 1973

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		3.49	.03	T	.02	.03	.01	.15		T	.09	T			.16	.02	.49		T	.02	.47	.03		.01		.51	.82		.05	.2	.56		
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KIOLAKAA A & F 6	A	1.86	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.86	*
KIPA 89.2	A	8.71	.23	.08	.84	.72	2.29	.37	.03	.24	.25	.28	.12	.27	.07	.12	1.12	.21	.62				.22	.01	.06	.03	.5	.02		.04	.31		.41
KOHALA MAULILI 176	A	4.77	*	.37	.30	.67	.69	*	*	*	.80	.32	.19	.24	.01	*	*	.68	.01				*		.14	.01	.1			*	*	.37	
KOHALA MISSION 175.1		3.47	.03	.09	.29	.16	.72	.03	.02	.03	.62	.20	.07	.24	T	.15	.23	T	T				.11	.03	.02	.03	.5	T		.13	.9		.1
KOIAWE LOWER 196	A	5.41	*	*	*	*	*	1.95	*	*	*	*	*	*	2.00	*	*	*	*	*	*	.36	*	*	*	*	*	*	.1	*	*	*	*
KONA (KAILUA) 68.3	A	.57													T										.07	.40				*	*	.10	
KONA VILLAGE 93.8		.00																															
KUKAIAU 222		2.22	.03		.09	1.10	.03	.04	.11	.07	.02		.01			.40	.03	.06							.07	.06	.08	. .	.01				
KUKUIHAELE HIC 199		3.26	.05	.06	.16		.74	.07	.12	.14	.22	.24	.06	.26		.10	.56	.07						.14		.01	.03	.2		.04	.7		
KUKUIHAELE MILL 206	A	1.67	*	*	.14	.04	.49	.06	*	*	.16	.09	.02	.10		*	*	.39	.03				*	*	.05		.01	.02		*	*	.07	
KULANI CAMP 79		1.85	.05	.02	.46	.40	.42	.01					.03	.01			.06	.02	.15	.05		.05	.04				.04	.06					.01
KULANI MAUKA 76	A	.20			*	.10																		.10									
KULANI SCHOOL SITE 78	A	1.60	*	*	*	*	*	*	1.38	*	*	*	*	*	*	.07	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	*	*	*
LANIHAU 68.2		3.54	.09		.15			.12			.11				.04		.28	.05	.04	.43	.11	.04		.1		.75	.37	.38	.27	.85	.04		.11
MAKAHALAU 103		.36					.12				.08	.10						.06															
MANUKA 2	A	.65	*	.40																							.20	.05					
MAUNA KEA OBS 111.2		.02																						.02	T								
MAUNA LOA SLOPE OBS		1.78																			.80		.48	.50								
MIDDLE HOLUALOA 68.1	A	2.34	*	1.34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60	*	*	*	*	*	*
MIDDLE PEN 147.1	A	.00																															
MOAULA 18	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOUNTAIN VIEW 91		5.23	.18	.10	.39	.84	1.02	.16	.05	.16	.16	.31	.46	.13	.01	.05	.50	.13	.15				.03				.05		.01	.11	.23		.10
NAALEHU 14	A	.26									.03							T							.02			.03	.18				
NAPOOPOO 28	A	1.08			*	*	*	*	*	*	.08	*	*	*	*	*	*	.15	*	*	*	*	*	*	.11	*	*	*	*	*	*	.74	*
NIULII 179	A	3.46	*	.15	.25	.13	.55	*	*	*	.65	.40	.07	.37	.01	*	*	.50	.01				*	*	.11	.03	.02			*	*	.20	
OOKALA 223		3.37	.08		.08	.15	1.47	.15	.01	.09	.11	.10	.01	.03			.76	.05	.07				T		.07	.07	.05	.02					
OPIMIHALE 2 24.1		2.35		.10	.23	T	.02			.16	T	.03	.07	T	.06	.03				.33	T			T	.15	.71	.03	.04	.02	.35			.01
ORCHID LAND EST 91.5	A	4.79	*	*	*	*	*	1.67	*	*	*	M	*	*	1.47	*	*	*	*	*	*	1.20	*	*	*	*	*	*	.25	*	*	*	*
PAAUHAU 217		2.05	*	*	.13	.04	.65	.06	*	*	.11	.02	.01	.03		*	*	.54	.02							.01	.41	.18		*	*	.04	
PAAUILO 221		1.47	.01		.03	.80	.02	.06	.06	.06	.01		T			.32	.01	.02							.01	.02	.04	T					
PAHALA 21	A	.19			T																				.09			.05	.02		.03		
PAHOA 65		8.20	.42	.22	.29	.29	.35	.14	.09	.32	.31	.82	.27	.23	.22	.06	.72	.21	.22	.07		.05	.24	.07		.07	.08	.04		.03	.37		.20
PAKAO 37	A	.16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.16
PAPAIKOU 144.1		6.24	.13	.17	.49	.22	.69	.15	.07	.18	.17	.22	.27	.22	.03	.34	.94	.16	.32	.02		.24	.28			.19	.16	.01		.05	.24	.04	.24
PAPAIKOU MAUKA 140.1		9.56	.23	.08	.78	1.12	2.00	.45	.04	.32	.29	.24	.18	.27	.14	.18	1.38	.16	.39			.12	.26	.03	.04	.07	.23		.02	.10	.26	.01	.17
PIIMONUA 89	A	9.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.60	*	*
POHAKULOA 107	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUAKO 95.1	A	T		T															T						T		T						
PUU KIHE 120	A	.00																															
PUU LAAU 102.1	A	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*
PUU LEHUA 73	A	1.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.10	*
PUU MALI 113	A	.00																															
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94.1	A	.26			.03														.23	T													
SADDLE ROAD 1 84	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
SOUTH POINT CORRAL 3	A	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*	*
UMIKOA 118	W	1.16	*	.04	.02	.04	.08	.07		.03	.03	.01	.01	.01			.08	.05	.06	.01				.02	.01	*	.06	.03	.02				
UPOLU POINT USCG 159.2		1.07			.04	.01	.29				.22	.12	.03	.14		.01	.05						.01	.01					.08	.06		
WAIAKEA SCD 88.2		8.05	.27	.13	.80	.34	1.33	.19	.04	.36	.16	.30	.31	.14	.03	.15	1.21	.30	.75			.40	.10		T	.04	.08	.04	.04	.03	.35	T	.16

See reference notes following Station Index.

DAILY PRECIPITATION

Continued

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	M	.90	T	.01		.12	.01		.01	.68	T		.02	T	.02	.01	T						.01			.01						
FAGA ALU RESERVOIR		18.97	.35				.90	2.82	3.32	.30				.20	.85	.06			.15		.83	.70	.50	.47	1.90		.20	.12	.23		4.20	.32	.85
JOHNSTON ISLAND	R	.50					.04	.12	T	T	.02	T	.05		.01			.11	.02	T	T		.05	T	T	.03		T	.03	T	T	T	.05
LEGNE		13.84	1.05		.50	.40	1.08	3.30	.75				.92		1.57				.20	.10		.70		.85	1.00	.05	.03	.55		.11	1.40	.21	.17
FRENCH FRIGATE SHOALS		1.33	.01	.02	.26		.12					.01									.01	.02	.01			.02		.39	.19			.09	.18
LUMA VILLAGE		14.86	.02	T	.02	2.22	2.86	3.75	.68	.04	.02	.16	T		.61	.02	T	.10		.21		.59	.22	.09	.39	.03	.70	.35		.68	.21	.25	.64
MIDWAY SAND ISLAND		2.08	.08	.04	.35	.07	T		.06	.01	T					T	.77	T		T	.07	.22	.21	.11	.03			T	.01	.02	.02	.01	
PAGO PAGO WSO AP	R	8.42	.01		.01	.69	1.03	2.17		.28			.01	.18	.26	T	.01	T	.06		.11	.36	.18	.07	.11		.07	.01		1.20	1.52	.13	.05
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * WESTERN PACIFIC ISLS NORTH OF 22 N																																	
ANDERSEN AFB GUAM		9.99	.11	.12	.11	.10	1.49	.12	.12	T	T	.75	.23	.92	.74	.30	.33	.50	.16	.28	.43	.11	.11	1.04	.26	1.02	.03		.05	.44		.07	.05
CLARK AFB LUZON		12.24	.39	.01		.38	.76	1.61	1.13	.11	.11	.06	.31	.41	1.08	2.21	2.67	.67	T	.67	.02	.11		.38	.03	.11	.07	.01		.05	.44	.08	.07
GUAM NAS		6.04	T		T	.06	.30	T	.27	.01	.07	1.12	.12	.38	.13	.02	.03	.14		T	.09	T	.45	1.25	.11	1.10	.01	.07	.19	.01		.02	.09
GUAM WSO	R	9.55	.05	.20	T	.11	.19	.11	.01	T	.20	1.18	.20	1.15	.45	.08	.02	.56		.44	.16	.20	.89	1.50	.12	1.07	.02	.04	.03	T	.36	.09	.12
MANGILAO		5.53	.05	.03		.02	.50	.12	.02	.04	.40	.45	1.24	.31	.03	.05	.08	.02	.40	.02	.15	.03	.05	T	.56	.08	.08	.55	.02	.02	T	.11	.10
PETA		24.16	.25	.13	.40	.60	1.16	1.02	1.34		.04	.16	.64	.95	.98	2.06	2.00	2.10	2.02	1.06	1.00	1.60	1.20	.50	1.00	.80	.75	.06	.02	.06	.10	T	T
SAIPAN, USCG LORAN		6.84	.31		.06	.05	.02	.08	.02		.01	.03	.25		.33	.33	.60	.02	2.09	.12	.83	.48	.23	.26	.05	.14	.16	.01	.01	.01	.01	.66	.17
WAKE WSO AP	R	1.23	.01	.04	.02	.18		T		.01	.05			.01	.01	.01			.09	.09	.03		.01	T	T	.01		.01	.60	.02			.03
* * * CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		18.51	.06	.33		.56		2.76	1.06	.88	.44	.24	1.12	.93	2.76	.83	.23		.40	1.19	.65		.86	.44	.18	2.06			.12			.41	
ENIWETOK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALALOP I, ULITHI		10.95	T	.28	.14		.20	.83	.20	.40	.25	2.62	.10	1.15	.60	-	-	.10	-	.33	.35	.50	-	.04	.10	-	.79	1.15	.69	.06	-	.07	-
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	12.79	1.89	.65		1.30	.06	.15	.11	.11	.49	.01	2.12	.01	1.37	.02	.20	T		.65	1.77	T	.24	.02	.29	.91		.31		.14	.01		
KWAJALEIN WSO AP	R	11.29	.05	.10	.90	T	2.10	.03		.43	2.97	.41	.02	T	1.37	1.13			.01		T	.26	.04	.17	.59	.05	T	.06		.06	.45	.08	.01
LELE I, KUSAIE		9.96	.71	.31	.86	.09	.03		.12	.03	.85	.77	.38	.05	.27	.83	.12	1.91					.22	.19		1.75				.16		.31
MAJURO WSO AP	R	7.29	.09	.20	1.07		.90	.02	.09	.05	1.42	.14		.14	.83	1.17	.02	.06			.09	.14		.01	.20	.06		.08	T	T	T	.51
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		1.62	.11	.13		.66	.03	.84			
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	.05	.07	.03								.03	.04							.01		
NGASANG/BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	R	9.40	.02	.08	.22	1.11	1.28	.03	.09	.02	.15	.07	.84	.43	.45	.03		.05	.49	.14	.04	.08	1.09	.48		.88	.25	.06	.65		T	.31	.06
SATAWAN ATOLL		-	.24	1.02		.28	.14		.62		.56	1.20	.66	1.20	1.49	.04	.03	1.00	.26	-	.69	.05	.22	.46	1.60		.60	1.00				.09	.25
TRUK, MOEN I, WSO AP	R	13.78	.02	.98	.20	.64	2.50	.25	.17	1.12		1.14	.03	.56		T	.49	.37	.27	.72	.33	.08	.01	.98	.70		1.05		.04	.17	.44	.14	.38
WOLEAI ATOLL		8.23	.63	.20	T	.16			.03	.31	.22	.31	1.49	.07	.09			.65	.60		.19	.58	.50	.10	.08	.66	.68		.42	.12			.14
YAP WSO AP	R	10.11	1.09	.90	.02	.08	.20	.65	.13	.03	1.33	.29	.19	.11	T			T	.09	.59	T	T		.05	.50	.14	.15	.68	.47	1.01	.18	.74	.91

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	70	75	67	72	66	71	76	75	70	72	73	75	78	74	75	76	73	72	72	70	74	76	74	74	74	72	74	78	78	71	72	73.2
	MIN	58	56	55	57	58	57	57	58	56	57	52	48	57	55	57	58	56	59	55	55	47	51	55	55	54	46	43	49	58	56	56	54.4
KILAUEA POINT 1133	MAX	83	81	80	81	79	82	82	83	82	82	82	82	82	85	84	80	86	83	83	87	86	83	83	86	86	80	86	85	85	85	82	83.1
	MIN	72	72	68	69	71	70	70	73	68	69	73	70	70	70	70	69	69	69	68	68	69	68	69	68	69	68	68	69	69	68	70	69.5
LIHUE WSO 1020.1 AP	MAX	84	85	83	84	84	83	83	84	84	84	84	84	83	85	85	84	84	84	85	84	84	84	83	84	85	84	85	86	85	86	85	84.2
	MIN	74	73	72	73	75	74	73	74	74	74	73	74	74	75	72	73	74	75	74	75	72	74	73	75	70	68	70	75	72	75	75	73.4
MAKAHUENA POINT 940.1	MAX	84		85	84	82	83	84	85		83	85	85	85	85	85	85	85	82	85	85		85	86	85	85	85	86	86	86	86	86	84.8
	MIN	72		74	74	72	70	69	68		72	73	73	75	75	70	70	72	69	72	71		70	72	71	70	71	74	69	69	70	72	71.4
MANA 1026	MAX	86	86	88	86	87	86	87	89	89	88	87	86	87	86	88	87	89	88	87	87	87	87	88	88	88	88	87	86	88	89	88	87.4
	MIN	67	67	66	70	69	68	69	71	66	71	68	68	68	67	68	67	66	68	68	64	65	65	63	67	65	67	65	69	68	68	66	67.2
NIU RIDGE 1035	MAX	83	84	83	84	85	84	83	84	85	84	84	85	85	84	83	84	83	84	83	84	83	82	84	85	83	84	83	84	85	85	85	83.9
	MIN	63	62	64	65	65	63	60	62	62	63	64	65	64	62	61	62	63	62	60	60	61	62	63	63	61	62	62	63	62	64	62	62.5
WAIAHI LOWER 1054	MAX	80	80	80	80	80	78	80	80	79	81	80	81	79	82	81	81	81	81	81	82	82	82	80	82	79	82	83	84	83	84	83	81.9
	MIN	68	67	66	67	68	66	68	69	66	68	69	66	67	67	67	64	64	63	62	62	62	61	64	65	62	60	61	66	64	61	68	65.1
* * *																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	81	82	80	80	80	80	80	81	81	80	80	82	81	81	83	82	83	84	83	82	84	80	81	80	83	80	83	84	84	82	81	81.5
	MIN	71	71	72	71	72	71	70	70	70	71	72	71	73	72	71	70	71	75	73	72	73	72	72	71	73	72	71	74	73	71	72	71.7
EWA PLANTATION 741	MAX		85	84		85	85			85	85	85	86	87			86	85	86	85	86			87	86	86	88	87			89	88	
	MIN		69	68		69	72			71	73	71	71	70			69	68	69	66	68			67	69	68	68	66			68	74	
HONOLULU WSO 703 AP	MAX	85	86	86	87	87	88	87	86	87	87	87	89	89	84	88	88	87	87	87	88	89	89	87	87	88	89	89	88	88	89	88	87.5
	MIN	73	72	72	73	75	74	76	73	74	75	75	75	74	75	71	71	72	72	70	73	73	74	75	73	71	71	71	76	76	75	75	73.4
HONOLULU SUBSTA 704	MAX	77	80	79	81	81	82	81	81	81	80	81	81	82	80	82	82	81	81	81	81	82	83	83	81	82	83	83	83	83	83	83	81.4
	MIN	72	71	71	72	74	72	75	71	71	73	73	74	72	74	71	73	73	72	73	73	73	74	74	74	73	72	74	73	73	74	73	72.8
KANEOHE MAUKA 781	MAX	79	77	79	79	80	80	82	81	79	77	79	82	83	82	81	82	83	82	82	81	82	84	84	81	82	81	82	84	85	83	84	81.4
	MIN	71	71	72	70	70	71	72	71	71	72	72	74	73	72	69	70	71	71	70	71	70	71	73	70	69	69	70	73	74	74	74	71.3
LUALUALEI 804	MAX	86	88	86	87	86	88	88	89	86	88	88	86	89	87	88	88	90	89	89	90	90	92	90	88	88	88	87	86	86	91	89	88.1
	MIN	71	67	70	70	72	67	74	79	72	70	78	73	71	77	74	67	71	70	72	70	76	67	72	69	67	70	68	68	70	72	70	71.1
MAKAPUU POINT 724	MAX	78	79	78	77	77	79	78	78	77	76	77	79	79	78	78	79	79	79	79	80	79	80	80	78	79	81	81	81	79	79	79	78.7
	MIN	70	69	69	69	67	68	70	69	68	68	69	71	70	72	68	68	71	69	68	71	68	71	71	67	68	71	69	71	67	73	71	69.4
OPAEULA 870	MAX	79	79	80	75	79	79	80	80	79	80	80	80	79	80	80	80	80	80	80	80	80	80	81	81	81	81	82	81	80	80	84	80.0
	MIN	69	65	67	67	67	67	68	68	67	68	67	68	67	67	66	64	64	63	64	63	62	64	64	63	62	63	63	64	64	63	65	65.3
PRI WAHIAWA 820.2	MAX	81	83	80	80	82	83	82	78	83	81	83	85	85	82	80	84	84	84	86	85	80	86	87	84	84	86	87	86	84	87	85	83.5
	MIN	67	67	66	67	63	69	70	68	68	69	69	66	66	68	65	65	65	65	63	66	64	64	62	63	66	67	64	68	70	67	68	66.4
WAIALEE 896.3	MAX	83	84	85	82	84	85	85	85	83	79	84	85	86	86	84	83	85	85	84	86	85	86	88	85	85	86	86	87	86	86	86	84.8
	MIN	71	71	70	72	71	71	70	70	70	71	71	73	72	73	70	70	70	71	72	71	72	73	72	73	71	70	70	73	71	73	72	71.4
WAIALUA 847	MAX	84	78	83	80	83	83	84	85	81	83	83	85	87	86	83	83	84	85	85	85	85	88	87	84	85	87	88	88	86	86		84.5
	MIN	66	68	68	66	66	71	73	74	72	70	70	65	67	68	68	67	64	63	62	65	68	63	64	64	63	65	63	64	66	71		66.7
WAIKIKI 717.2	MAX	85	84	85	85	80	84	86	86	85	84	86	87	87	86		86	86	86	86	86	87	87	86	87	88	87	88	88	87	87	86	85.9
	MIN	71	71	71	71	73	72	74	71	71	71	72	73	72	73		72	70	70	68	70	70	72	73	72	67	67	67	72	73	74	74	71.2
WAIMANALO EXP FARM	MAX	83	81	82	81	83	83	84	83	82	81	82	82	83	84	81	82	83	83	83	84	84	85	83	83	84	84	85	85	84	85	85	83.1
	MIN	70	72	72	73	73	72	72	72	70	70	72	72	73	73	69	71	73	69	69	73	73	73	74	73	69	70	70	73	73	73	73	71.7
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ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	82	76	80	80	83	82	81	82	80	83	81	82	82	83	80	83	82	81	83	82	82	82	84	84	81	82	82	82	83	83	84	81.8
	MIN	73	70	70	71	70	70	70	70	70	71	69	70	70	71	70	70	70	70	69	72	69	75	70	71	70	70	70	70	72	71	71	70.5
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	75	76	76	75	78	75	77	77	77	77	75	76	77	79	71	76	75	76	76	75	77	77	77	79	76	76	79	76	76	79	80	76.5
	MIN	64	66	65	66	66	65	67	67	67	67	66	67	66	65	66	66	65	65	65	65	65	66	64	67	66	65	64	67	65	64	65	65.6
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	65	60	64	65	67	68	75	71	71	66	66	69	71	67	67	59	62	65	59	62	62	65	62	68	62	61	66	68	72	72	71	66.1
	MIN	52	48	43	45	43	54	56	54	49	49	52	54	53	48	45	40	40	40	39	40	43	47	48	46	41	42	44	51	54	48	57	47.3
HALEAKALA SUMMIT 338.4	MAX		64	52		54	59			59	56	56	55	58			60	58	57	56	62			65	59	56	62	63			64	64	
	MIN		37	40		36	41			39	40	42	42	40			38	38	41	43	42			42	38	39	41	43			46	48	
HANA AIRPORT 355	MAX	84	82	84	84	85	84	83	84	85	84	82	84	82	84	84	81	84	84	81		82	81	83	84	84	85	87	82	84	85	90	83.7
	MIN	71	70	67	71	69	68	69	69	70	69	71	71	68	69	70	68	68	68	70	68	70	70	68	69	67	67	69	70	71	70	78	69.5
KAANAPALI AIRPORT	MAX	85	83	84	84	84	85	84	86	86	85	85	84	84	85	83	85	85	85	85	84	84	84	84	86	85	84	86	85	85	85	86	84.7
	MIN	70	71	68	75	72	72	74	73	73	72	70	71	70	71	71	70	71	70	67	68	66	68	69	72	68	67	68	73	73	69	73	70.5
KAHULUI WSO 398 AP	MAX	84	85	85	85	85	86	85	85	83	83	85	86	85	83	84	85	84	84	84	85	86	85	88	84	83	85	83	83	86	89	85	84.8
	MIN	67	71	71	72	72	73	73	72	71	71	71	72	70	70	73	71	71	71	69	71	66	64	69	71	71	69	68	74	74	73	74	70.6
KAILUA 446	MAX	78	78	76	75	76	75	77	77	78	78	75	77	77	77	77	76	76	76	77	78	78	80	79	79	79	79	79	78	79	79	80	77.5
	MIN	67	67	64	67	67	66	67	67	67	67	68	68	67	65	66	66	65	62	67	67	67	68	69	68	66	65	67	67	67	67	69	66.7

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAHAKAPU BEACH 260.2	MAX	90	94	90	91	90	92	92	91	91	92	87	89	89	92	86	84	88	91	89	89	90	89	88	92	88	85	87	90	87	89	90	89.4
	MIN	64	68	66	65	64	67	67	68	68	67	67	68	64	65	70	65	66	66	63	63	64	65	65	65	65	65	66	66	65	65	66	65.7
KULA SANATORIUM 267	MAX	76	75	76	72	74	76	76	75	76	78	71	71	76	76	70	72	71	75	74	74	75	75	77	78	72	70	72	75	75	75	79	74.4
	MIN	59	62	56	59	60	60	60	59	60	58	60	59	57	57	60	59	61	56	55	56	59	59	57	58	59	58	58	60	55	56	57	58.4
LAHAINA 361	MAX	87	88	87	89	88	88	88	89	91	88	89	88	88	86	87	89	88	88	87	87	86	88	88	88	87	87	88	90	88	89	88	88.0
	MIN	66	67	65	66	65	66	65	65	65	65	67	67	65	65	66	66	65	69	63	64	64	64	66	66	65	65	65	67	65	65	65	65.3
MAILOA 386	MAX		82	81		82	81			83	82	80	82	82			82	81	81	81	81			83	83	82	81	82			83	85	
	MIN		70	70		71	70			70	70	71	72	70			69	69	71	70	71			70	71	71	71	72			71	71	
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	81	81	82	81	78	80	80	81	81	79	81	82	80	82	81	79	81	82	82	83	82	80	82	83	82	82	83	83	82	83	83	81.4
	MIN	67	69	67	69	68	68	69	69	69	69	69	68	68	68	68	67	66	66	66	67	69	67	67	68	66	67	69	69	70	70	70	68.0
HAWAII VOLCNS NP HQ 54	MAX	70	73	71	70	68	66	70	71	70	70	72	74	72	70	71	66	69	69	69	70	69	72	72	72	71	74	74	73	70	68	69	70.5
	MIN	52	61	55	53	56	54	53	56	56	56	57	56	54	61	56	58	54	52	52	52	55	54	53	54	55	54	55	55	52	58	54	54.9
HILO WSO 87 AP	MAX	82	84	84	80	83	84	82	82	80	81	83	83	83	81	81	83	83	84	83	83	84	86	83	83	85	83	83	82	86	85	85	83.0
	MIN	67	67	67	68	70	69	70	70	70	68	70	68	67	68	70	69	68	68	65	65	67	68	65	70	66	72	69	69	70	70	70	68.4
HAINALIU 73.2	MAX	76	78	75	81	78	77	80	78	77	77	78	79	78	80	77	77	79	77	78	76	78	77	78	76	73	77	77	79	77	79	78	77.6
	MIN	61	63	64	63	61	65	62	65	64	61	61	60	64	62	61	61	62	61	64	62	63	66	65	62	64	63	63	64	66	60	62	62.7
KAMUELA 192.2	MAX	72	74	72	74	68	69	68	68	68	70	70	74	72	73	70	72	72	70	73	70	69	72	75	73	71	76	75	73	70	72	72	71.5
	MIN	58	57	59	60	58	60	58	58	60	60	58	60	58	58	60	60	59	60	59	59	60	58	60	59	60	58	60	60	58	60	60	59.1
KEAAU 92	MAX	81	78	81	80	78	80	81	79	80	78	80	82	80	81	79	78	80	81	81	81	81	81	82	82	81	82	82	80	79	81	83	80.4
	MIN	66	67	67	61	67	62	68	63	63	67	67	69	66	66	66	67	67	66	64	64	64	67	65	65	65	65	68	67	67	66	68	65.8
KEALAKEKUA 26.2	MAX	80						82				79		80	81	79	78	79		79	78	79	80	76	76	78	77	78	80	77	79	80	
	MIN	62						62				62		69	62	71	62	63		61	63	62	66	65	63	62	62	62	64	66	61	61	
KOHALA MISSION 175.1	MAX	79	81	81	79	74	79	79	79	79	77	79	80	79	80	80	78	80	80	81	81	81	80	82	81	81	82	83	83	78	82	82	80.0
	MIN	69	68	66	68	67	66	69	68	69	68	68	68	68	67	67	67	67	68	67	68	68	68	69	67	66	67	68	68	69	70	70	67.8
KONA (KAILUA) 68.3	MAX	79	82	83	78	84	82	78	76	85	83	80	80	83	84	83	80	84	84	84	83	84	82	84	83	80	80	84	80	80	85	84	82.0
	MIN	68	73	72	66	72	74	65	66	71	72	68	68	71	72	71	69	70	70	73	71	72	73	72	70	71	68	70	69	68	70	70	70.2
KULANI CAMP 79	MAX	71	63	63	68	64	64	67	72	61	63	67	68	72	66	65	65	63	61	64	63	63	69	67	65	65	68	67	67	66	64	64	65.6
	MIN	49	49	53	50	52	50	51	53	58	50	46	45	48	45	51	54	51	47	44	43	46	42	45	50	45	45	47	47	42	45	50	48.2
MAUNA LOA SLOPE OBS	MAX	60	58	58	58	58	57	57	56	60	56	53	53	61	57	57	56	53	56	55	54	53	52	51	51	54	56	54	57	63	63	62	56.5
	MIN	42	43	42	41	39	37	42	40	38	34	35	37	41	41	41	43	40	40	40	38	40	38	37	36	36	37	36	40	41	44	43	39.4
MOUNTAIN VIEW 91	MAX	78	78	79	76	76	74	77	77	77	71	75	76	75	74	74	74	75	77	77	76	78	78	78	77	77	79	77	76	76	76	78	76.3
	MIN	61	61	63	63	63	62	63	63	63	63	63	65	61	62	62	62	63	61	59	60	61	61	61	60	60	60	63	62	62	62	64	61.9
NAALEHU 14	MAX		80	82		80	78			78	81	82	82	79			80	80	81	81	80			80	80	80	82	80			82	80	
	MIN		64	64		68	68			68	67	65	68	66			65	65	66	64	65			65	66	66	66	66			66	68	
OOKALA 223	MAX	80	82	82	83	79	79	81	81	81	78	80	81	80	70	80	79	80		81	81	80	80	82	82	81	82	82	82	82	77		80.3
	MIN	67	67	67	67	68	67	68	69	69	69	69	68	69	66	68	68	68		67	67	69	69	69	68	67	68	68	70	69	71		68.1
OPIHIHALE 2 24.1	MAX	76	77	83	79	75	81	81	80	80	79	80	80	80	78	79	82	82	81	74	77	77	79	78	80	77	76	77	78	75	82	82	78.9
	MIN	65	64	61	61	61	62	67	65	62	61	64	67	65	63	64	62	62	64	60	60	67	66	64	63	62	63	65	66	61	61	66	63.4
PAHALA 21	MAX		84	84		82	83		84	84	83	84	83	82			83	82	82	82	82			82	83	83	84	81			83	82	82.8
	MIN		63	67		64	64		63	63	63	65	64	63			63	65	62	62	61			62	64	62	63	63			62	64	63.3
PUAKO 93.1	MAX	82	85	86	87	88	86	88	86	85	86	86	84	87	88	84	88	86	86	85	87	87	86	84	86	86	86	86	88	88	86	86	86.1
	MIN	71	72	74	73	75	73	74	74	73	70	73	72	72	73	74	69	71	71	70	72	71	72	69	74	68	70	69	73	73	75	73	72.0
UPOLU POINT USCG 159.2	MAX	83	83	84	84	83	82	83	84	83	83	83	84	83	84	85	82	83	85	85	84	84	85	85	85	85	86	86	86	83	86	85	84.1
	MIN	68	71	67	69	69	72	71	76	70	71	70	69	71	73	69	69	70	68	64	70	66	71	71	70	69	70	69	71	71	72	71	69.9
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	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	89	92	91	90	90	91	90	89	88	91	90	92	91	88	88	87	90	91	88	89	90	88	90	90	89	86	87	89	90	90	93	89.6
	MIN	79	76	77	75	73	79	79	78	77	78	72	73	71	76	76	77	76	77	78	77	76	79	77	77	78	73	76	76	75	75	77	76.2
JOHNSTON WSO AP	MAX	82	83	83	82	83	83	82	82	82	82	82	82	83	82	83	83	82	83	82	83	83	82	83	83	84	83	83	84	84	84	86	82.8
	MIN	78	78	78	78	76	75	78	77	75	77	75	79	76	78	78	71	76	76	78	77	76	77	78	78	78	76	75	77	77	77	74	76.7
LEONE	MAX	86	85	86	86	80	80	89	85	89	87	87	90	85	90	84	87	86	86	86	85	87	85	84	86	85	86	87	84	86	88	87	86.0
	MIN	73	75	76	75	73	72	71	72	71	73	70	72	76	79	72	71	74	74	70	70	72	71	72	72	74	75	73	77	71	80	74	73.2
FRENCH FRIGATE SHOALS	MAX	83	84	85	84	83	83	83	85	85	85	86	83	84	87	87	87	87	87	87	87	88	90	90	90	90	90	90	86	87	87	86	86.3
	MIN	72	70	69	70	68	68	72	71	71	71	72	73	76	77	76	76	74	76	76	75	73	76	76	77	75	75	70	73	72	72	70	73.0
MIDWAY SAND ISLAND	MAX	83	84	85	85	85	85	85	85	85	84	83	84	85	85	84	86	87	85	86	85	84	85	85	85	86	86	86	86	85	85	87	85.0
	MIN	71	72	75	69	76	76	76	76	74	76	72	74	73	71	72	73	77	75	74	73	74	76	74	77	77	73	73	73	74	76	77	74.2
PAGO PAGO WSO AP	MAX	86	85	85	82	81	80	85	85	85	86	86	86	81	86	85	83	86	85	83	82	85	83	84	85	85	85	85	85	84	85	85	84.3
	MIN	72	72	78	76	76	75	72	73	78	79	75	74	73	73	75	79	76	78	75	75	73	73	78	78	78	77	79	76	73	72	77	75.4
SWAINS ISLAND																																	
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	86	85	85	85	84	85	84	83	84	82	83	83	81	84	83	83	83	86	84	83	84	84	84	83	82	84	83	84	84	85	84	83.8
	MIN	77	77	78	78	75	77	78	78	77	74	77	76	74	75	75	76	76	77	75	77	77	77	77	74	75	77	77	76	77	79	79	76.5
CLARK AFB LUZON	MAX	84	90	90	90	86	86	90	90	90	91	88	90	79	77	79	86	90	88	91	91	91	90	86	86	90	91	93	93	86	91	93	88.3
	MIN	75	77	79	81	79	77	73	75	73	77	75	73	73	75	73	73	77	78	77	77	77	75	75	73	75	77	77	77	77	77	75	75.8
GUAM NAS	MAX	88	88	88	88	87	88	88	86	86	84	89	88	87	87	86	87	90	89	89	89	87	86	87	86	89	89	89	90	89	88	88	87.7
	MIN	80	80	80	79	76	77	77	80	78	76	76	76	76	77	77	77	78	78	78	78	78	79	78	76	77	77	80	78	76	80	78	77.8
GUAM WSO	MAX	87	87	88	87	86	88	88	88	87	83	85	86	84	87	86	86	86	87	86	88	86	87	86	85	87	87	87	88	88	87	87	86.6
	MIN	75	75	73	76	71	74	72	72	76	73	73	73	72	74	74	72	72	73	74	75	72	74	74	74	74	70	75	71	69	74	74	73.2
SAIPAN USCG LORAN	MAX	91	90	92	88	92	92	92	90	92	92	96	92	90	85	89	85	88	88	87	88	89	89	89	96	88	88	90	90	90	86	96	90.0
	MIN	78	76	76	77	76	79	79	79	73	79	78	82	75	74	73	80	78	75	76	77	75	75	75	73	72	74	74	74	74	75	75	76.0
WAKE WSO AP	MAX	90	90	89	89	88	89	89	89	89	89	90	90	88	89	90	89	90	90	90	89	90	90	90	89	89	90	90	90	90	89	89	89.4
	MIN	77	76	75	78	77	77	78	78	75	76	76	78	75	76	78	77	75	78	77	77	78	79	78	78	78	78	74	77	77	78	76	76.9
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK																																	
FALALOP I, ULITHI	MAX	88	87	86	87	87	88	86	88	87	86	86	85	88		89	90	89	90	86	85	88	89	89	85	89	85	88	86	89	89	90	87.5
	MIN	84	83	84	79	79	80	83	81	79	79	78	77	82	77	81	79	81	85	75	79	85	81	70	79	80	78	75	81	80	83	78	79.8
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	81	85	89	83	90	90	86	88	86	87	85	90	89	90	89	90	89	90	81	89	91	90	90	87	89	90	89	81	89	89	91	87.8
	MIN	74	76	76	75	76	76	77	77	74	77	74	77	74	74	77	77	77	76	73	77	76	75	76	74	78	76	78	76	76	76	77	75.9
KWAJALEIN WSO AP	MAX	86	85	85	85	86	86	87	87	86	86	86	87	86	86	86	87	86	86	87	84	85	87	87	87	86	87	87	87	86	87	87	86.2
	MIN	78	77	75	78	73	75	79	76	74	74	78	80	76	73	78	79	80	79	79	76	79	79	77	78	79	78	79	77	78	78	79	77.4
LELE I, KUSAIE	MAX	89	85	85	87	88	89	86	85	87	86	85	87	88	88	87	86		87	87	87		88	88	87	88	88	90	91	90	87	89	87.4
	MIN	74	69	71	73	74	76	73	73	72	76	73	78	70	75	75	71		75	73	72		73	75	75	70	74	74	77	75	74	75	73.6
MAJURO WSO AP	MAX	86	86	84	86	83	86	86	86	82	85	85	85	84	81	83	85	84	85	84	84	85	86	84	86	86	86	86	86	87	86	86	85.0
	MIN	77	76	75	79	75	79	78	77	74	75	80	78	75	73	72	76	78	79	77	77	78	78	76	76	76	75	78	79	79	79	76	76.8
METALANIM	MAX																					89	80	84	89	85	89	87	89				
	MIN																						76	70	74	74	75	73	72				
PONAPE WSO	MAX	89	88	86	87	86	88	89	89	89	88	84	89	89	90	89	87	89	90	89	90	87	85	88	88	90	90	91	90	91	89	91	88.5
	MIN	75	74	74	75	73	79	76	79	80	75	74	75	75	75	74	74	74	75	76	74	73	73	71	74	73	73	71	73	72	74	73	74.4
TRUK, MOEN I, WSO AP	MAX	89	88	88	87	85	88	88	86	87	88	87	86	88	88	89	88	88	85	88	88	90	88	86	88	85	88	87	87	88	89	89	87.5
	MIN	80	77	77	76	74	78	79	75	79	74	75	73	74	76	74	76	75	74	75	75	76	74	73	76	74	77	75	75	76	78	77	75.7
WOLEAI ATOLL	MAX	86	89	90	90	89	90	91	91	90	90	82	87	90	88	90	90	88	88	90	84	90	89	90	82	86	86	86	85	88	88	87	88.1
	MIN	75	75	75	74	74	77	73	74	74	71	71	73	75	76	71	71	72	70	71	70	72	68	70	70	71	73	73	73	74	74	75	72.7
YAP WSO AP	MAX	85	87	88	89	87	87	86	87	85	84	86	86	89	87	88	87	87	88	83	86	88	87	87	88	86	88	89	84	87	86	83	86.6
	MIN	74	74	78	78	76	77	76	75	73	75	75	75	75	76	76	75	75	76	74	75	75	77	74	75	75	75	76	74	73	75	71	75.1
	MAX																																
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	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
							Standard of Time GREENWICH CIVIL												
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	22	E	05	-	77	78	92	3	8	13	2	4	0	30	52	-
HILO, HAWAII, WSO AP	35	1.0	6.0	16	E	22	94	87	72	88	2	12	14	1	0	0	29	40	7.5
HONOLULU, OAHU, WSO AP	6	14.0	14.4	32	NE	07	70	66	49	66	17	8	1	0	0	0	26	70	4.8
JOHNSTON ISLAND WSO AP	9	16.6	17.0	33	E	21+	77	76	70	75	11	8	2	0	0	0	21	79	6.4
KAHULUI, MAUI, WSO AP	4	15.6	16.2	33	E	29+	76	66	53	69	7	1	0	0	0	0	8	78	3.5
KOROR WSO AP	-	-	-	23	SE	01	87	-	81	77	2	6	9	3	4	1	25	59	8.7
KWAJALEIN WSO AP	8	10.2	11.1	36++	11	10+	85	83	76	79	4	10	6	2	2	2	26	-	7.5
LIHUE, KAUAI, WSO AP	4	13.4	13.9	26	NE	08	80	75	64	78	10	11	4	0	0	0	25	64	5.6
MAJURO WSO AP	-	-	-	34	E	05	82	83	76	78	3	10	5	3	3	0	24	73	6.6
PAGO PAGO WSO AP	10	9.0	10.0	27	E	17	89	89	79	86	2	9	9	0	3	1	24	56	7.6
PONAPE WSO AP	-	-	-	18	SE	10	88	-	77	77	1	12	9	3	3	0	28	53	8.2
TRUK, MOEN I, WSO AP	-	-	-	25	NE	25+	86	-	77	77	1	5	11	6	3	1	27	49	9.4
WAKE WSO AP	9	12.4	13.1	24	E	27+	78	79	62	67	3	16	1	1	0	0	21	57	6.0
YAP WSO AP	-	-	-	24	S	31	89	-	79	78	4	5	10	6	3	0	28	55	8.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.40	.32	.27	.37	.40	.30	.34	.32	.33	.33	.41	.27	.41	.36	.44	.40	.35	.43	.54	.29	.42	.40	.35	.38	.41	.46	.24	.39	.32	.50	.49	11.64
	WIND	243	210	231	241	270	293	273	235	294	274	220	188	211	202	218	200	204	208	209	210	196	180	169	180	160	135	116	164	206	219	250	6609
	MAX	86	87	88	85	87	85	85	83	86	85	86	87	90	87	87	89	87	88	87	89	87	89	92	87	88	90	90	91	89	84	89	87.4
	MIN	69	68	68	68	68	68	69	68	68	68	69	69	69	68	68	68	67	67	66	67	67	67	69	68	67	65	65	66	69	68	68	67.7
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.35	.22	.27	.27	.37	.38	.45	.34	.26	.41	.38	.36	.45	.45	.37	.30	.07	.35	.38	.34	.32	.30	.40	.40	.19	.30	.29	.37	.48	.50	.45	10.77
	WIND	47	31	38	42	60	61	61	56	46	37	55	35	41	59	30	36	36	43	38	44	39	35	39	38	36	26	30	37	48	52	56	1332
	MAX	92	88	94	94	94	93	94	92	88	92	95	94	96	95	90	94	96	94	93	94	94	91	96	90	92	90	92	96	96	95	96	93.2
	MIN	70	71	70	70	70	70	70	69	72	72	72	71	71	69	70	69	69	68	67	68	68	69	70	70	69	69	69	69	70	68	71	69.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.47	.40	.41	.40	.44	.35	.38	.42	.42	.40	.41	.37	.38	.43	.41	.40	.40	.43	.39	.42	.41	.38	.40	.39	.36	.40	.37	.35	.40	.40	.39	12.38
	WIND	262	238	256	240	253	277	284	298	281	270	283	268	269	219	203	201	210	232	237	251	254	225	201	209	190	192	141	131	152	199	267	7133
	MAX	90	91	93	90	89	89	89	88	88	89	89	90	92	90	90	89	89	89	89	89	88	90	91	91	92	92	94	94	94	92	93	90.4
	MIN	73	73	74	73	74	74	73	74	74	74	74	74	74	74	73	73	72	74	73	74	73	73	74	74	73	73	73	73	73	74	73	73.5
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
GUAM WSO	EVAP	.09	.26	.27	.22	.16	.29	.26	.17	.19	.08	.10	.17	.00	.14	.16	.05	.15	.22	.13	.29	.28	.14	.29	.02	.18	.27	.18	.22	.14	.16	.18	5.46
	WIND	123	107	82	113	137	130	73	67	88	61	62	93	32	116	69	27	43	32	55	45	48	82	84	79	70	45	77	33	12	57	67	2209
	MAX	94	95	94	92	88	93	96	92	93	86	93	92	85	92	92	90	95	94	94	96	91	90	89	85	96	91	96	99	94	94	92	92.4
	MIN	74	74	74	75	74	73	74	74	75	75	75	73	74	73	74	74	74	75	76	75	75	74	74	74	73	73	74	75	74	75	75	74.2

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR 5 775A		6933	02	HONOLULU	2	21 21	157 50	410		VAR			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 17	157 43	6		5P			MRS. ROBERT EVERETT
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9165	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE-KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO-NONOKI-795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI-252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU MAUKA 486.4		0834	02	MAKAWAO	1	20 55	156 19	610				C	R H TAFT
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 43	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE -FLD 60-497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANIOLEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ++	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	R	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		DC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4240		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 53	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ††	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF QL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
▫ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
▫CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID		J	U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 10/30/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌶ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

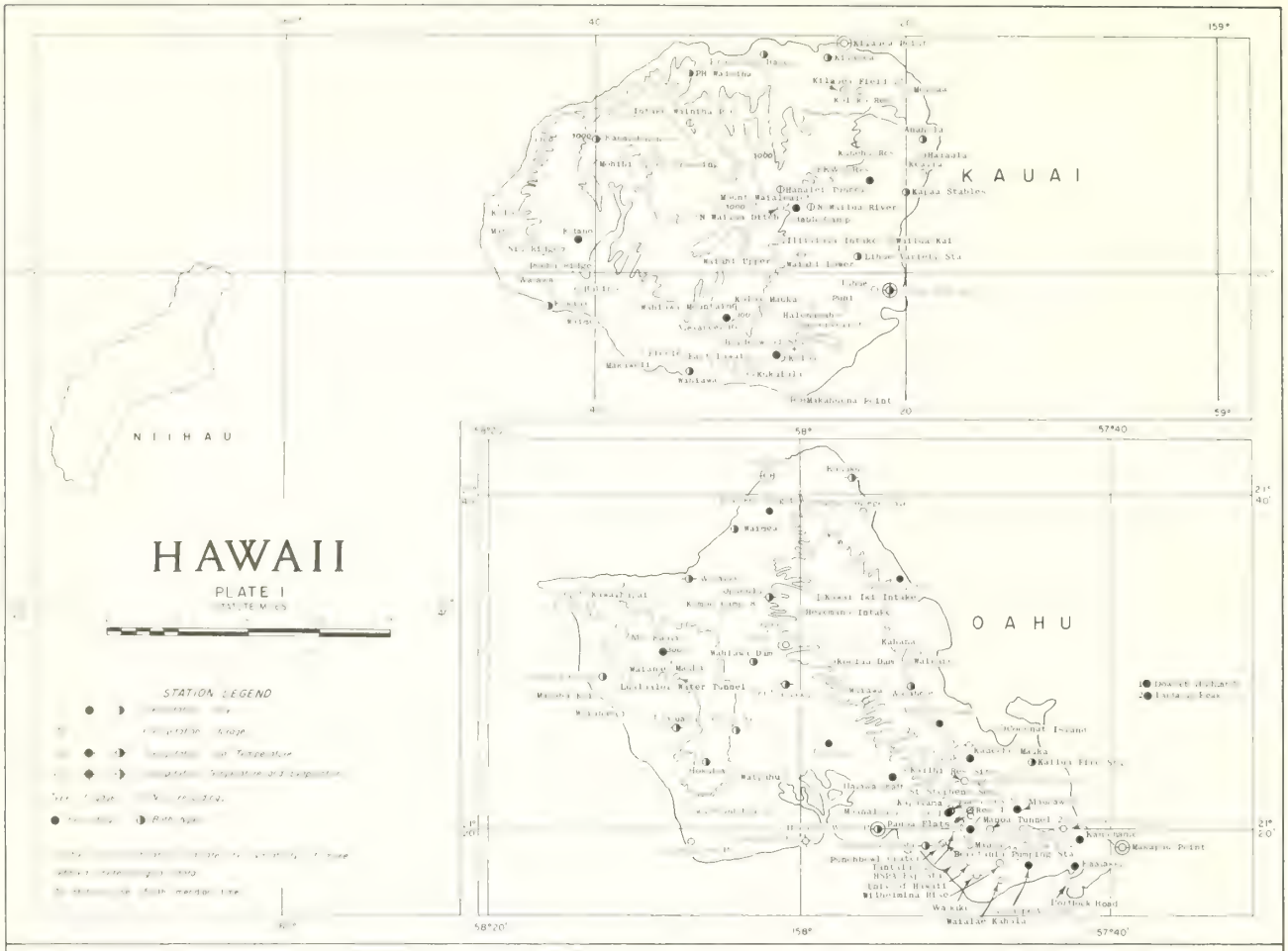
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

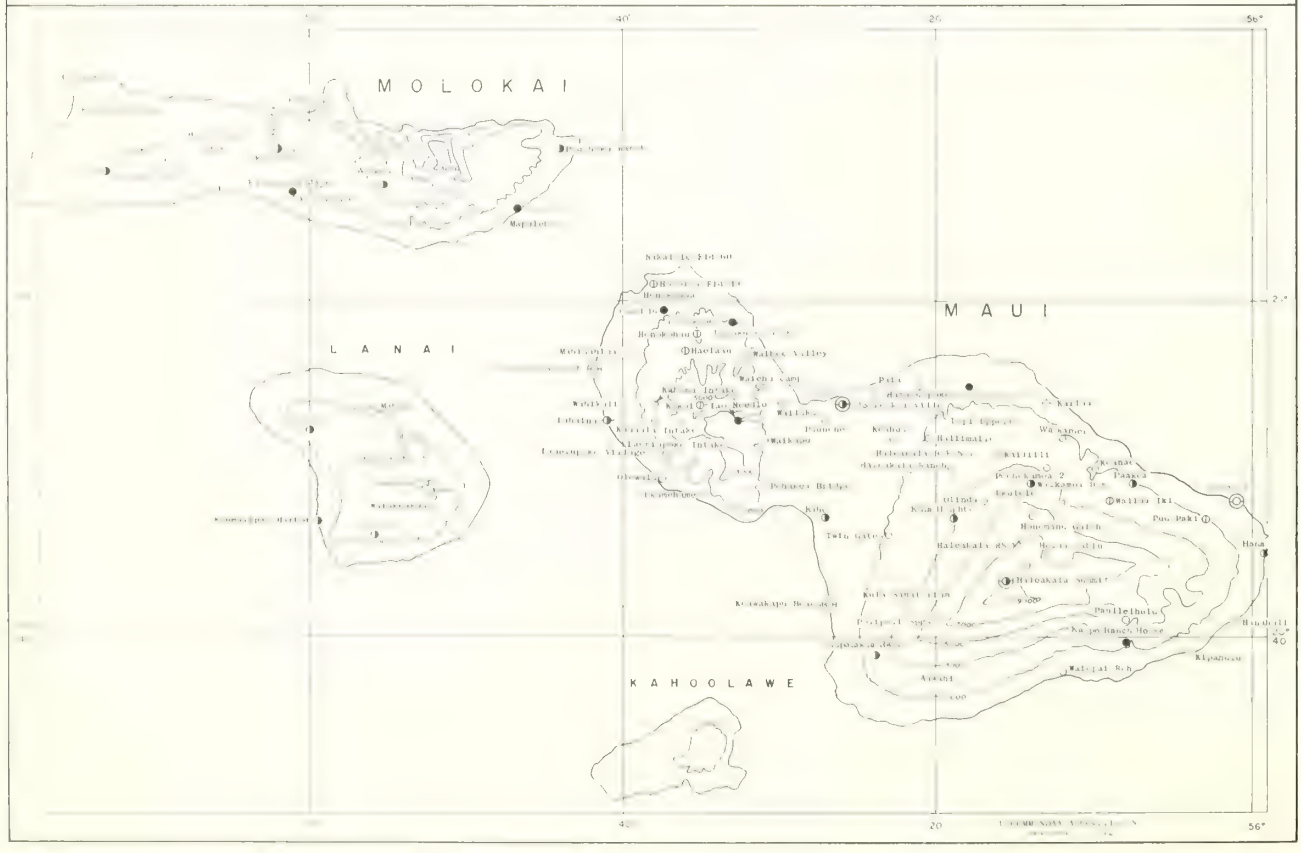
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

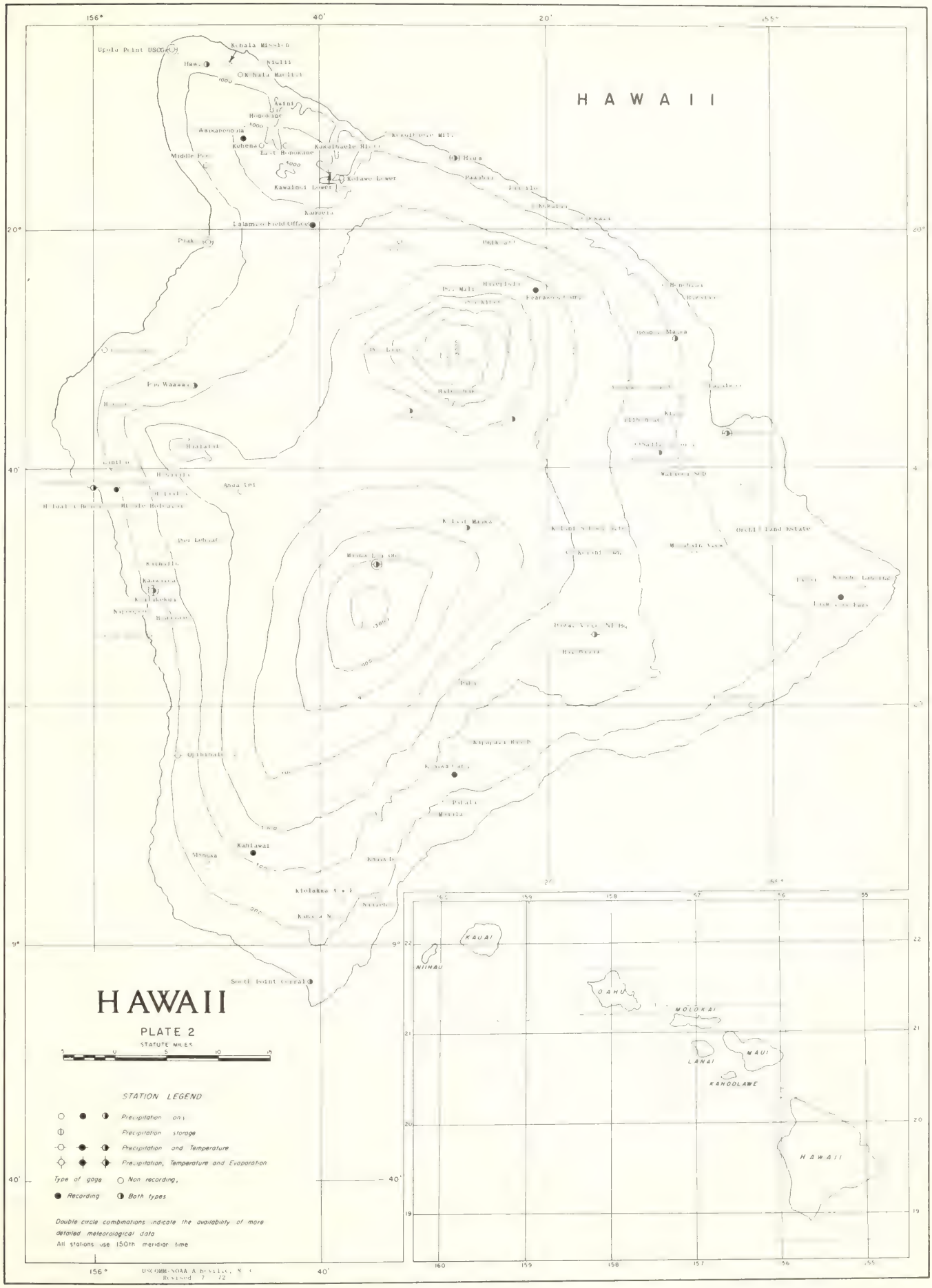
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

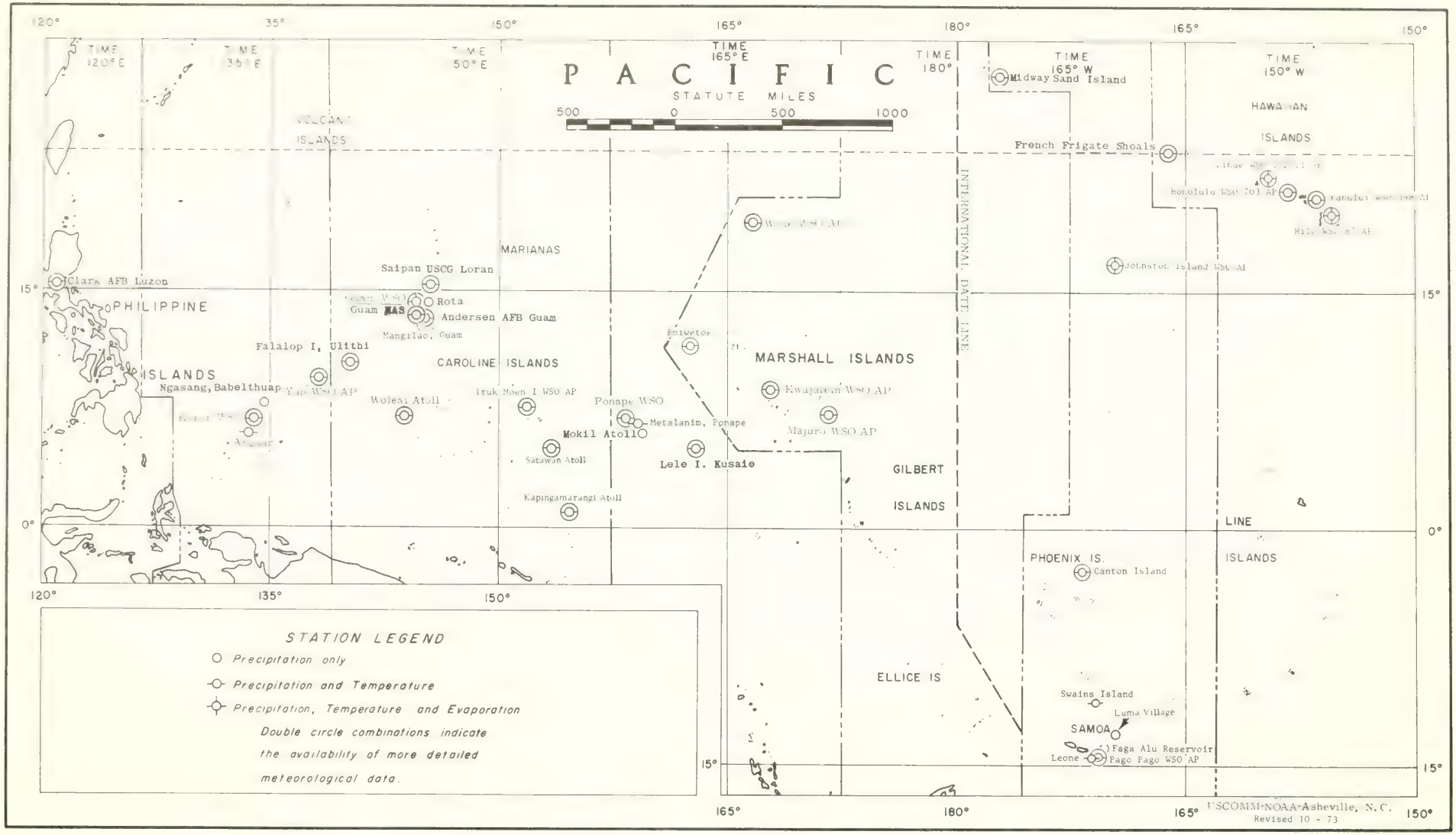
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

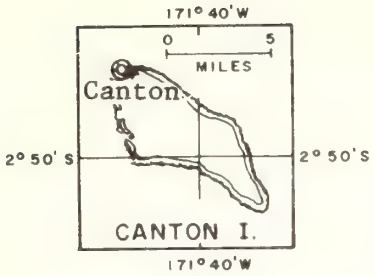
William H. Haggard
Director, National Climatic Center

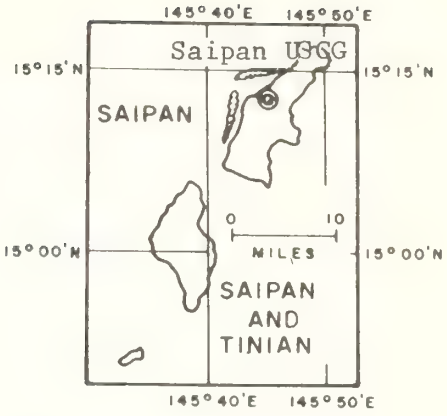

KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATION LEGEND

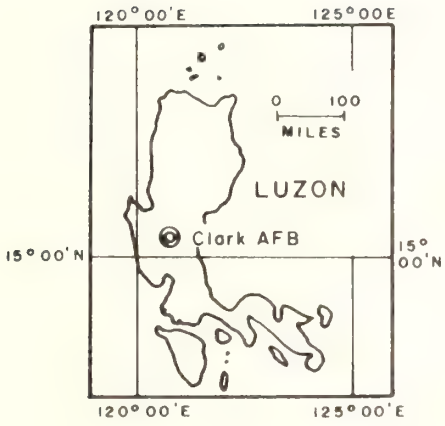

MOLOKAI
LANAI
MAUI
KAHOOLAWE

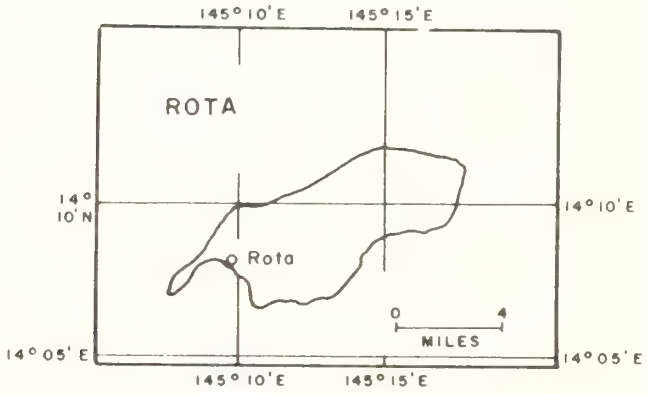

HAWAII
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

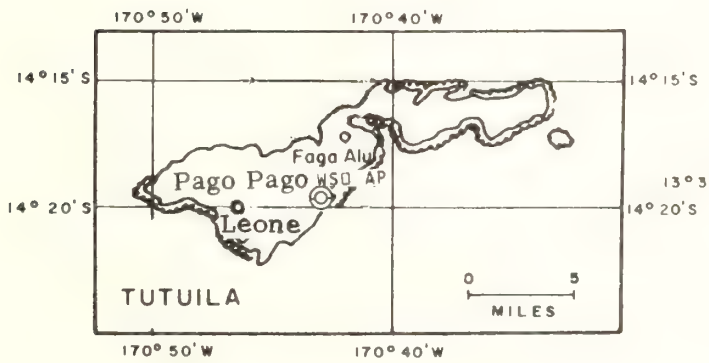

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Rota
Guam WSO
Guam NAS
Andersen AFB Guam
Mangilao, Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
Ngasang, Babelthuap
Yap WSO AP
Woleai Atoll
CAROLINE ISLANDS
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Enewetor
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
ELLICE IS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Honolulu WSO 703 AP
Johnston Island WSO AI
PHOENIX IS.
Canton Island
LINE ISLANDS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
15°
0°
120°
135°
150°
165°
180°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

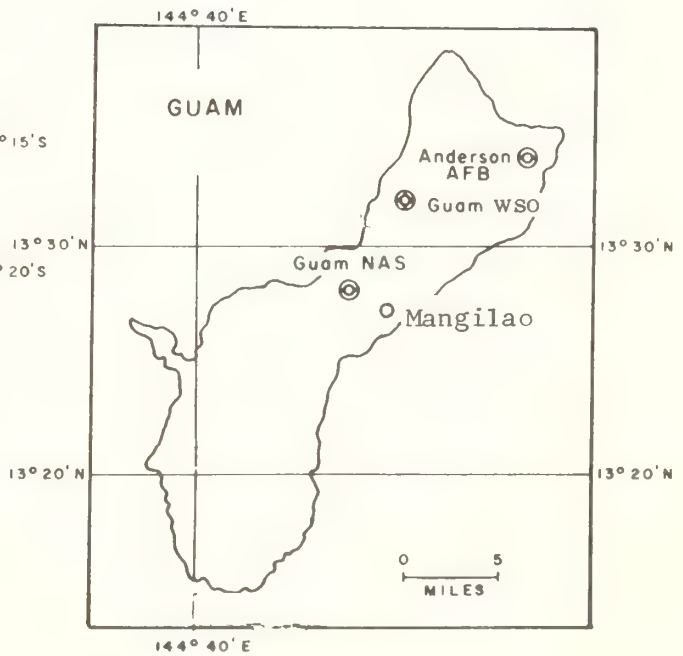

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

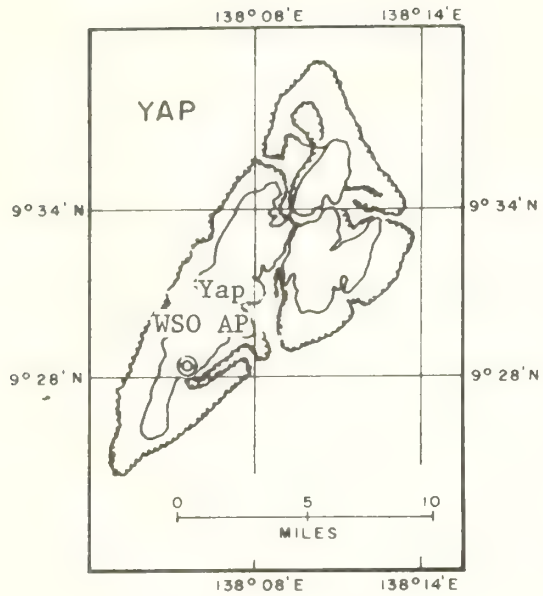

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

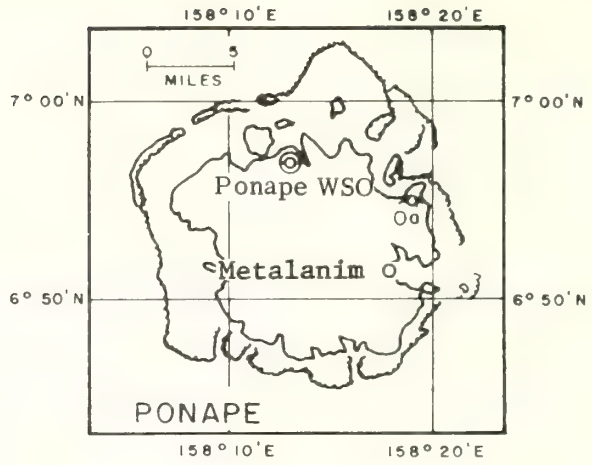

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

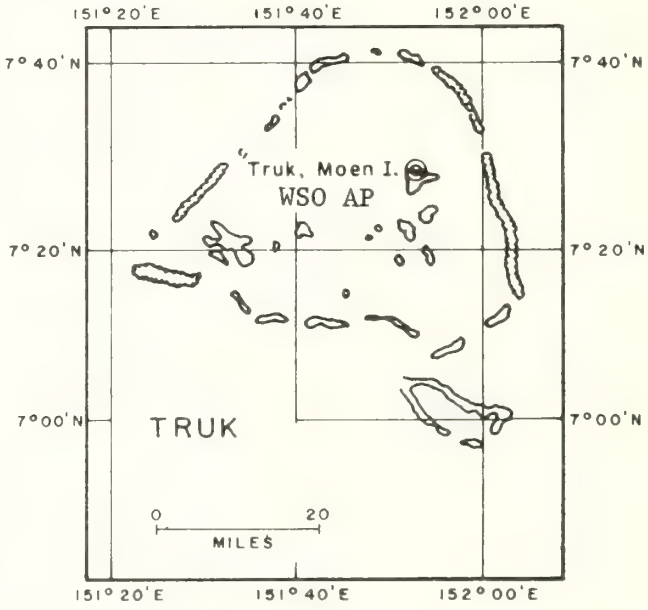

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

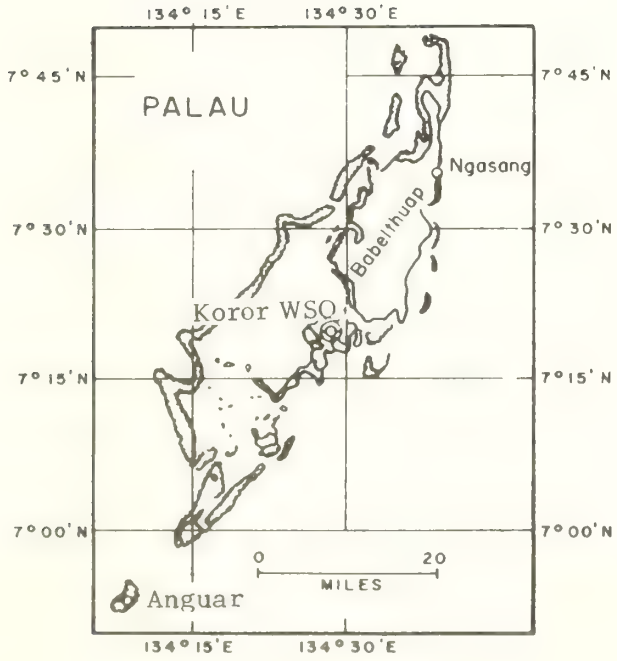

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

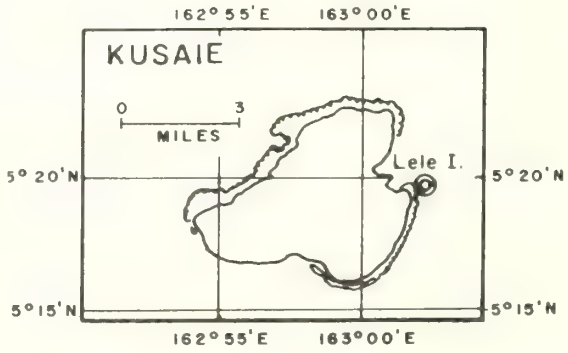
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
Yap
WSO AP
0
5
10
MILES

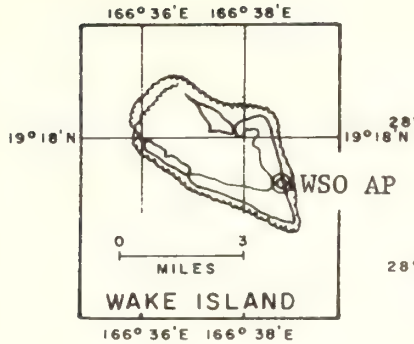

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Metalanim
PONAPE

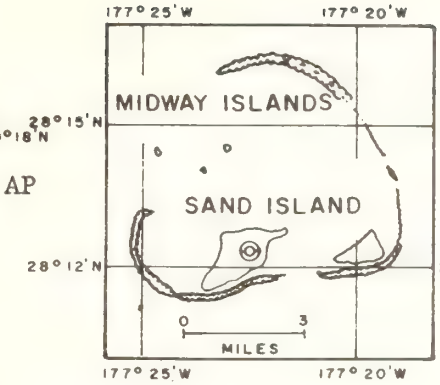

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

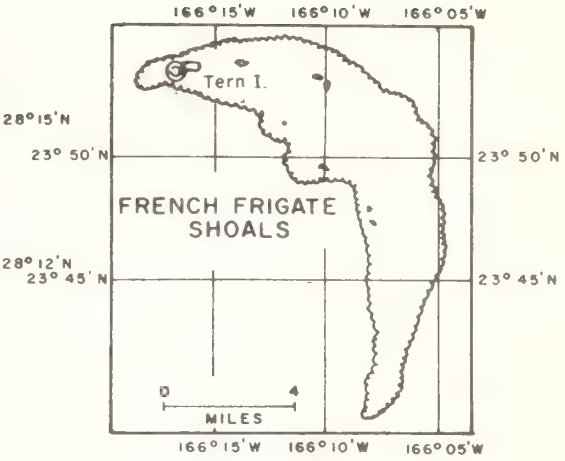

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

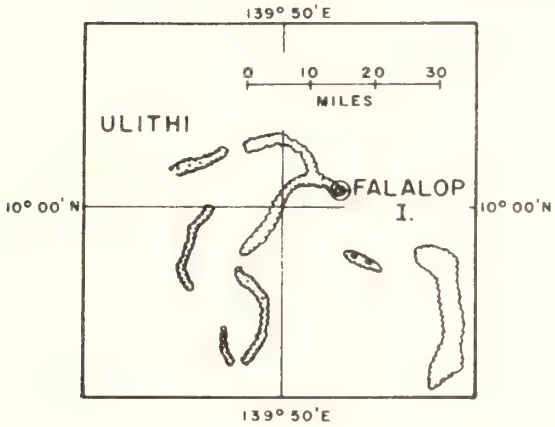

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

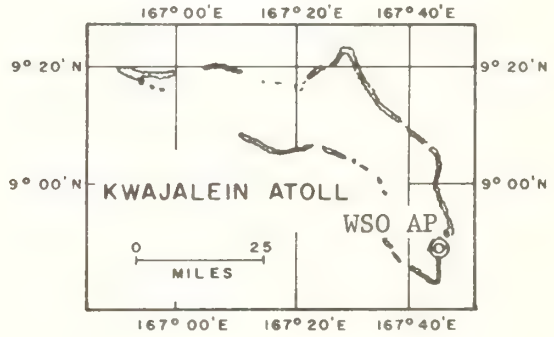
— Reef

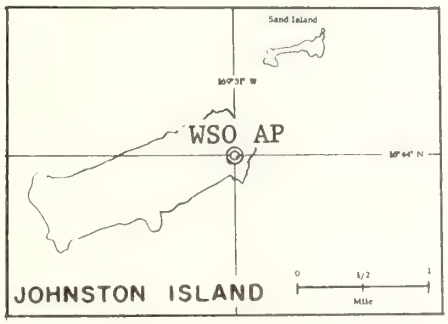

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

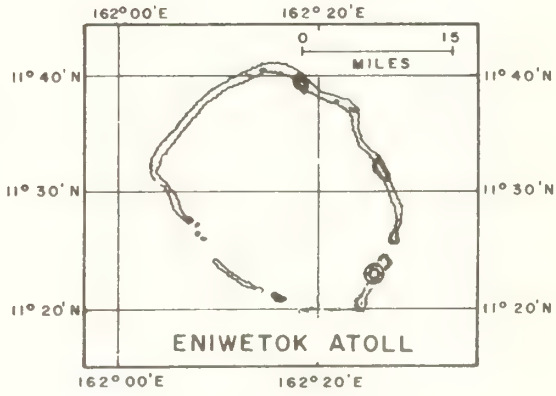

177° 25'W 177° 20'W
28° 15'N
MIDWAY ISLANDS
SAND ISLAND
28° 12'N
0 3
MILES

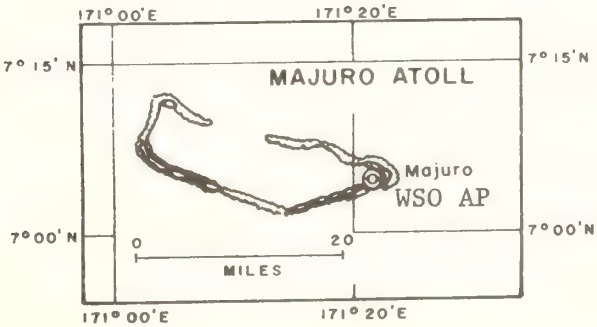

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0 1/2 1
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
94° ON THE 22+ AT 2 STATIONS

LOWEST TEMPERATURE:
34° ON THE 6+ AT HALEAKALA SUMMIT 338.4, MAUI

GREATEST TOTAL PRECIPITATION:
15.22 INCHES AT MOUNT WAIALEALE 1047, KAUAI

LEAST TOTAL PRECIPITATION:
.00 INCHES AT 13 STATIONS

GREATEST ONE-DAY PRECIPITATION:
2.60 INCHES ON THE 24TH AT KANEOHE MAUKA 781, OAHU

UGUST
1973
olume 69
No. 8
eville, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature								No. of Days				Precipitation				Snow Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														1.43	- 1.46			.0	0			0	0
KANALOHULUHULU 1075		73.1	54.7	63.9		80	25	49	11+		0	0	0	0	2.03		.33	7	.0	0		7	0	0
KAPAA STABLES 1104	A														1.43		.26	16	.0	0			0	0
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		83.5	68.2	75.9		87	8	63	17		0	0	0	0	1.37		.18	23	.0	0		5	0	0
KOLOA 936	A														3.59	- 2.93			.0	0				0
LIHUE WSO 1020.1 AP	//R	84.5	73.8	79.2	.8	86	25+	70	11+		0	0	0	0	1.32	- 1.14	.15	14	.0	0		5	0	0
MANA 1026		87.3	67.0	77.2	- 1.1	90	27	64	26+		1	0	0	0	.32	- .67	.18	23	.0	0		1	0	0
N WAILUA DITCH 1051	A														6.07		1.17	17	.0	0				
PH WAINIHA 1115															3.94	- 6.71			.0	0				
PUEHU RIDGE 1040															.00		.00		.0	0		0	0	0
WAHIAWA 930	A														1.60	- .92	.25	7	.0	0			0	0
WAIAHI LOWER 1054		82.2	66.6	74.4		85	5+	62	11		0	0	0	0	6.15		1.48	17	.0	0		19	2	1
WAIMEA 947															.45	- .59	.29	24	.0	0		2	0	0
ISLAND				74.1											2.28				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		83.2	71.5	77.4		86	20+	67	31+		0	0	0	0	5.17		1.67	23	.0	0		11	2	2
HONOLULU OBSERV 702.2															.16		.06	2	.0	0		0	0	0
HONOLULU WSO 703 AP	R	88.1	74.2	81.2	1.8	91	21+	70	11+		5	0	0	0	.32	- .57	.07	4	.0	0		0	0	0
KANEOHE MAUKA 781		83.4	72.4	77.9	.8	87	24	68	2		0	0	0	0	4.65	.36	2.60	24	.0	0		10	1	1
KOOLAU DAM 833	A														8.79	.26	1.17	3	.0	0		22	7	1
LUALUALEI 804	A	89.4M	72.1	80.8M		94	22	66	11+		16	0	0	0	.39		.19	6	.0	0		2	0	0
MAKAPUU POINT 724		80.0	70.6	75.3		84	24+	65	6+		0	0	0	0	.61	- .41	.17	7	.0	0		1	0	0
NUUANU RES 4 783															4.22	- 6.37	.83	9	.0	0		13	3	0
OPAEULA 870	A	85.4	64.8	75.1	2.1	87	31+	63	21+		0	0	0	0	2.17	- 1.74	1.00	10	.0	0		3	2	1
PALOLO VALLEY 718	R														5.17	- 6.57	1.00	9	.0	0		14	2	1
PRI WAHIAWA 820.2	A	84.7	66.6	75.7		89	13+	62	13		0	0	0	0	1.69				.0	0				0
WAHIAWA DAM 863	A														1.38				.0	0				0
WAIAHOLE 837	A														4.30	- 7.53			.0	0				0
WAIALEE 896.3		85.9	72.2	79.1		88	13+	69	31		0	0	0	0	2.20		.79	24	.0	0		8	1	0
WAIALUA 847	A	85.9	67.3	76.6	- .1	90	12	63	12		1	0	0	0	.30	- 1.08	.10	4	.0	0		1	0	0
WAIKIKI 717.2		86.5	70.5	78.5		90	12	65	11		1	0	0	0	.30		.06	10	.0	0		0	0	0
WAIMANALO EXP FARM		84.8	73.0	78.9		87	12	70	4+		0	0	0	0	.45		.12	24	.0	0		1	0	0
WAIPAHU 750	A														.45	- .78			.0	0			0	0
ISLAND				77.9											2.37				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														.39	- .83	.14	2	.0	0		1	0	0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														1.50	.30	.96	9	.0	0		4	1	0
MOLOKAI AP 524		86.3	71.1	78.7		92	18	65	10		2	0	0	0	.39		.12	2	.0	0		1	0	0
ISLAND				78.7											.76				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	77.9	66.1	72.0	.1	84	6	63	28+		0	0	0	0	2.32	.54	1.35	23	.0	0		3	2	1
ISLAND				72.0											2.32				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	R														.64	- 4.04	.24	7	.0	0		2	0	0
HALEAKALA RS 338		65.5	45.4	55.5		74	1	40	9+		0	0	0	0	.07		.04	7	.0	0		0	0	0
HANA AIRPORT 355		86.0	69.6	77.8		89	22	66	3		0	0	0	0	2.30		.41	22	.0	0		10	0	0
HONOKOHUA 493	A														1.08	- 1.50	.24	7	.0	0			0	0
KAANAPALI AIRPORT		84.6	71.1	77.9		87	26+	67	9		0	0	0	0	.07		.03	3	.0	0		0	0	0
KAHULUI WSO 398 AP	R	86.5	70.4	78.5	- .5	90	5	63	10		1	0	0	0	.02	- .33	.02	7	.0	0		0	0	0
KAILUA 446		78.6	67.5	73.1	- .1	81	13+	65	9		0	0	0	0	3.73	- 7.58	.54	6	.0	0		10	2	0
KEANAE 346	A														4.10	-17.65			.0	0				
KIPAHULU 258															2.84	- 5.62	.35	26+	.0	0		12	0	0
KULA SANATORIUM 267		75.5	58.3	66.9	.2	80	7+	55	1		0	0	0	0	1.02	- 1.27	.81	9	.0	0		1	1	0
LAHAINA 361		88.0	68.4	78.2		90	26+	63	3		2	0	0	0	.02	- .40	.02	8	.0	0		0	0	0
PAIA 406															.16	- 1.76	.05	7	.0	0		0	0	0
WAILUKU 386	A	83.3M	71.4M	77.4M	- .6	86	24+	68	10		0	0	0	0	.17	- .69	.07	7	.0	0		0	0	0
ISLAND				73.2											1.25				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		83.3	68.5	75.9	1.4	85	30+	65	30+		0	0	0	0	.68	- 3.96	.19	9	.0	0		4	0	0
HAWAII VOLCNS NP HQ 54		70.7M	54.7M	62.7M	- .9	75	6	52	28+		0	0	0	0	1.79	- 5.80	.37	12	.0	0		6	0	0
HILO WSO 87 AP	R	84.6	68.0	76.3	.5	88	5	64	14		0	0	0	0	3.54	- 7.91	.57	21	.0	0		13	1	0
HUEHUE 92.1	A														1.18	- 1.54	.63	22	.0	0			1	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1973

Station		Temperature												Precipitation									
										No. of Days								Snow Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
KAINALIU 73.2		77.7	63.9	70.8		81	12	60	4		0	0	0	0	3.86	- 3.83	.95	26	.0	0		12	1	0
KEAAU 92		82.3	65.7	74.0	- 1.1	85	25+	60	11+		0	0	0	0	3.67	- 8.08	.60	22	.0	0		12	1	0
KEALAKEKUA 26.2		79.9M	63.6M	71.8M		83	12	59	4		0	0	0	0	2.35		.55	26	.0	0			1	0
KONA (KAILUA) 68.3	A	83.5M	70.7M	77.1M		86	13+	66	4		0	0	0	0	.28		.07	29	.0	0		0	0	0
KUKUIHAELE HIC 199															.85	- 5.12	.22	30	.0	0		4	0	0
KULANI CAMP 79		65.4	49.3	57.4		70	25	45	10+		0	0	0	0	2.28		.65	12	.0	0		10	1	0
PAHALA 21	A	83.2M	63.9M	73.6M	- .4	88	19	62	31+		0	0	0	0	.19	- 2.87	.17	12	.0	0		1	0	0
POHAKULOA 107	A														1.40				.0	0				
PUAKO 95.1	A	85.7	72.0	78.9		88	28+	68	4		0	0	0	0	.02		.02	4	.0	0		0	0	0
PUU WAAWAA 94.1	A														.37	- 1.76	.15	4	.0	0		2	0	0
UMIKOA 118															.53	- 4.53	.12	12	.0	0		2	0	0
WAIAKEA SCD 88.2															4.58		.55	25	.0	0		16	1	0
ISLAND				71.9											1.72				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	R	89.4	76.3	82.9	- .6	91	30+	72	24+		18	0	0	0	3.26	.76	1.49	24	.0	0		7	2	1
FAGA ALU RESERVOIR															19.69		8.10	6	.0	0		18	8	3
JOHNSTON WSO AP	R	83.7	77.2	80.5	- 1.0	85	14+	73	6		0	0	0	0	.65	- 1.61	.24	6	.0	0		1	0	0
LEONE		85.9	75.5	80.7		90	27+	70	9+		2	0	0	0	9.75		3.55	5	.0	0		16	5	2
FRENCH FRIGATE SHOALS		86.7	72.3M	79.5M		90	24	68	27+		1	0	0	0	3.19		2.06	22	.0	0		6	1	1
LUMA VILLAGE															9.73		1.75	17	.0	0		12	7	4
MIDWAY SAND ISLAND		84.4	73.2	78.8		87	9	69	29+		0	0	0	0	4.35		.91	11	.0	0		10	3	0
PAGO PAGO WSO AP	R	84.0	74.6	79.3		87	26+	67	12		0	0	0	0	8.58		4.00	5	.0	0		11	5	1
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																							
ANDERSEN AFB GUAM		83.3	75.7	79.5		86	10+	72	26		0	0	0	0	13.84		3.73	21	.0	0		19	8	4
CLARK AFB LUZON		86.7	74.5	80.6		91	14+	72	10		10	0	0	0	13.62		3.75	23	.0	0		16	9	3
GUAM NAS		86.4	76.9	81.7		90	6	75	26+		1	0	0	0	9.50		2.01	26	.0	0		15	6	3
GUAM WSO	R	86.1	72.8	79.5	.2	88	8+	70	31+		0	0	0	0	6.50	- 6.34	1.69	21	.0	0		14	3	1
MANGILAO															10.39		2.00	22	.0	0		23	6	2
ROTA															13.35		2.20	21+	.0	0		18	11	5
SAIPAN USCG LORAN		88.2	74.4M	81.3M		90	31+	70	21+		3	0	0	0	11.07		1.80	20	.0	0		20	7	3
WAKE WSO AP	R	87.2	74.7	81.0	- 1.4	90	29+	70	5		4	0	0	0	7.42	.34	1.38	24	.0	0		12	7	1
* * * CAROLINE AND MARSHALL ISLANDS																							
ANGUAR															9.25		2.76	16	.0	0		9	7	3
ENIWETOK		88.0M	74.5M	81.3M	- 1.7	93	17	70	29+			0	0	0	5.49	- 1.32	1.47	28	.0	0		13	3	1
FALALOP I, ULITHI		86.8	80.1	83.5		89	26+	75	17		0	0	0	0	8.14		1.61	13	.0	0		15	6	3
KAPINGAMARANGI ATOLL		89.1	77.0M	83.1M		92	24+	73	19		15	0	0	0	1.68		.86	5	.0	0		3	1	0
KOROR WSO	R	88.8	76.1	82.5	1.5	91	31+	74	27+		14	0	0	0	11.35	- 4.41	2.25	21	.0	0		17	8	3
KWAJALEIN WSO AP	R	86.4	77.4	81.9	.0	88	31+	75	19+		0	0	0	0	7.51	- 2.08	.97	22	.0	0		16	6	0
LELE I. KUSAIE		87.3M	74.1M	80.7M		90	23+	70	28		6	0	0	0	19.84		3.96	19	.0	0		23	11	6
MAJURO WSO AP	R	84.9	76.6	80.8	.6	87	4	74	30+		0	0	0	0	13.86	2.18	3.23	30	.0	0		21	9	4
METALANIM		86.9	74.2M	80.6M		91	4	70	4+		1	0	0	0	15.94		3.53	15	.0	0		20	11	6
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	87.8	74.0	80.9	1.5	91	3+	72	28+		10	0	0	0	17.85	1.53	2.37	8	.0	0		23	13	7
SATAWAN ATOLL																	2.23	8	.0	0		13	6	3
TRUK, MOEN I, WSO AP	R	87.6	75.9	81.8	1.4	91	14	73	30+		2	0	0	0	13.18	.37	3.17	26	.0	0		16	9	4
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	87.6	74.4	81.0	- .3	90	20+	71	26		2	0	0	0	5.13	- 9.57	.80	26	.0	0		12	4	0

See Reference Notes Following Station Index

DAILY PRECIPITATION

AUGUST 1973

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * * ISLAND OF KAUAI																																	
ANAHOLA 1114	A	1.43				*	*	.40	.04	.05	.06						.05																
BRYDESWOOD STA 985	A	3.09	.02		.02	*	*	1.41	.14	.01	.02	.05				.03	.06																
EAST LAWAI 934	A	3.40	.02	T	.27	*	*	.83	.17	.02	.03	.07	*	*	.03	.11	.09																
ELEELE 927	A	.71	T		.02	*	*	.20	.06		.06	.02																					
HALAULA 1110	A	1.21	.01			*	*	.30	.02	.03	.02						.05																
HALENANAHO 1006	A	3.35		.03	.04	*	*	.96	.14	.05	.11	.30	*	*	.03	.07	.09																
HUKIPO 945		.18										.03																				
ILILILIULA INTAKE 1050	A	-		.13	.04	*	*	1.07	.24	.03	.21	.11	-	-	-	-	-	.03	1.42	*	*	.36	.28	.2	.25		*	*	.27				
INTAKE WAINIHA PC 1086	A	6.49	*	*	*	*	*	2.07	*	*	*	*	*	*	.45	*	*	.04	*	*	*	1.62	*	*	*	.70	*	*	.80	*	*	*	.65
KANALOHULUHULU 1075		2.03		.01		.27		.06	.33	.04	.03	.29	.03																				
KANEHA RESERVOIR 1092	A	3.52	.01	.05		*	*	.97	.05	.12	.20	.08	*	*	.11		.12																
KAPAA STABLES 1104	A	1.43			.04	*	*	.15	.04	.03	.04	.05				.05																
KEALIA 1112	A	.85	.01		.04	*	*	.15	.03	.03	.01	.07					.03																
KEKAHA 944		.05				.01						.02	.02																				
KILAUEA 1134	A	2.22				*	*	.43	.06	.08	.07	.05						.16															
KILAUEA FIELD 17 1135	A	-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILAUEA POINT 1133		1.37		.01	.15	.09	.08	.06	.02	.01				.01		.04	.03	.06															
KOLO 1033		.13											.13																				
KOLOA 936	A	3.59	.02		.05	*	*	.82	.21	.02	.04	.18	*	*	.04	.12	.15	.24	.27	*	*	.47	.02	.22		.34	*	*	.18				
KOLOA MAUKA 994	A	4.85			.06	*	*	1.22	.17	.05	.16	.23	*	*	.16	.10	.11	.35	.41	*	*	.26	.3	.04	.23	.19	*	*	.36	.04	.27	.43	.05
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KUKUIULA 935	A	2.20	.01	.01	.08	*	*	.38	.19	.02	*	.44				.07	.03																
LIHUE VARIETY STA	A	2.82	.02		.06	*	*	.44	.11	.04	.07	.10	*	*	.02	.14	.03	.17	.48	*	*	.68		.3		.22	*	*	.35	.03	.21		.10
LIHUE 1020	A	1.49	.01		.01	*	*	.29	.02	.01	.03	.01				.10	.04	.06	.16	*	*	.10		.01	.14		*	*	.05	.12		.29	
LIHUE WSO 1020.1 AP	//R	1.32	T		.07	.08	.03	T	.02	.06	.06			T	T	.15	.02	.10	.07	.09	.01	T	T	.04	.12	T	.03	.14		.08	.11	.01
MAKAHUENA POINT 940.1		1.30		.09	.16		.09	.04	.02	.01					.03	.01	.04	.05	.01	.02	.01		.13		.23	.03	.8	.75				
MAKAWELI 965	A	.28				.06	.09	.05	.01											.01	.01	.01							.01		.01		
MANA 1026		.32										.04	.03												.18	.07						
MOHIHI UPR CROSS 1083	A	2.43			.22	.30	.15	.15	.38		.08					.15	.39	.30	.08				.08			.15	.15			.08		
MOLOAA 1145	A	1.20	.03			*	*	.20	.03				*	*	.03		.09	.08	.05	*	*	.3		.05	.03		*	*	.12	.07	.10	.11	.07
MOUNT WAIALEALE 1047	R	15.22	.16	.04	.31	.67	1.69	.63	.55	.16	.47	.20		.28	.16	.16	.16	1.81	.75	.71	.31	.28	.16	1.38	.67	.83	.32	.63	.67	.3	.43	.16	.39
NIU RIDGE 1035		.42										.20													.06							
N WAILUA DITCH 1051	A	6.07			.02	*	*	1.03	.16	.01	.24	.09	*	*	.59	.10	.03	.14	1.17	*	*	.37	.03	.05	.33	.40	*	*	.78	.09	.7	.20	.00
PH WAINIHA 1115		3.94		.05	.03	*	*	1.27	.26	.08	.02					.15	.14	.09	.02	*	*	.38			.03		*	*	.21	.1	.7	.34	.10
PRINCEVILLE RANCH 1117		2.93		.01	.02	*	*	.87	.17	.04		.05					.03	.18	.40	*	*	.27		.06	.13	.12	*	*	.16	.06	.8	.09	.09
PUEHU RIDGE 1040		.00																															
PUHI 1013	A	3.35			.07	*	*	.61	.06	.12	.23	.05	*	*	.18	.06	.10	.10	.26	*	*	.18	.3	.03	.24	.43	*	*	.09	.4	.09	.43	.07
RESERVOIR 6 1004	A	4.67			.28	*	*	1.09	.09	.11	.26	.28	*	*	.06	.13	.10	.19	.37	*	*	.37	.24	.07		.4	*	*	.34	.08	.40	.11
WAHIAWA 930	A	1.60	T		.06	*	*	.23	.25		.02	.17				T		.09	.11	*	*	.21	.05	T		.16	*	*	.09	T	.01	.1	.04
WAIAHI LOWER 1054		6.15				.25	.06	.20	.19	.06	.18	.13	.04	.00	.32	.17	.30	.15	.48	.14	.12	.09	.21	.02	.15	.76	.35	.15	.3	.0	.16	.03	.07
WAIAHI UPPER 1052		5.24	.02		.06	.35	.40	.30	.22	.03	.0	.04	.03	.05	.05	.02	.02	.01	1.50	.1	.1	.1	.02	.20	.30	.50	.08	.07	.1	.04	.34	.06	.05
WAIAWA 943		.03										.03																					
WAILUA KAI 1065	A	1.72	.02			*	*	.36	.07	.02	.03	.08				.02	.16	.04	.28	*	*	.08					*	*	.1	.1	.02	.04	.08
WAIMEA 947		.45										.12														.29			.04				
WEST LAWAI 931	A	2.46	.02		.12	*	*	.40	.17	T	.01	.28				.04	.02	.08	.27	*	*	.08	.02	.03	T	.37	*	*	.1	T	T	.20	.03
* * * ISLAND OF OAHU																																	
BERETANIA PUMPING STA		.73		.12	.01	.06		T	.17	T	T					.03					.12	.03	.01			.02	.7			.03	.05	.01
CAMPBELL IND PK 702.5		.08		.01	.01			.03				.02																.01				
CAMP 84 807	A	.49	*	.13	*	.17	.01	.07	.03							*	*	.02	*	*	*	.04					*	*	.01	*	.01		*	
CHURCH COLLEGE LAIE		5.17	.09	.06	.21	.36	.07	.16	.23	.39	.01					.03	.04	.07	.16	.17	.04	.20	.27		1.67	.1			.04				.10
COCONUT ISLAND 840.1		2.97		.01	.03	.02	.06	.01	.14	.03	.02	.03				.01		.01	.07			.02	.2			.39		*	.06		.07		
EWA PLANTATION 741		.20		.06	.02	*	*	.02												*	*	.1					*	*	.04		.03		
HELEMANO INTAKE 881	A	2.68	*	.10	*	*	*	.97	*	*	.47	*	*	*	*	.05	*	.1	*	*	*	.24	*	*	.02	*	*	*	.73				
HOKULOA 725.2	A	1.03	*	*	*	.53	*	*	.13	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	*	*	*	*	*	.13	*	*	*	.06
HONOLULU OBSERV 702.2		.16		.06	.02	.01			.02											T		.01							.04				
HONOLULU WSO 703 AP	R	.32	T	.05	T	.07	T	.01	.02	.02	T			T	T	T	T	T	.01	.03	T	.04				T	T	.03	.0	.03	T	T	
HONOLULU SUBSTA 704	R	.48		.08		.05			.08									.02								.02	.08	.04				
H S P A EXP STA 707		1.02		.05	.05	.04		.02	.14	.01		.08		T		.05	.06	.04	.07	.02	.06	.04	.01		.0		.01	.08	.1	.3	.02	.01
KAENA POINT 841.3		.14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KAHANA 883	A	13.48	*	*	*	*	3.34	*	*	*	*	*	*	4.78	*	*	*	*	*	*	*	2.74	*	*	*	*	*	3.0	*	*	*	.26	
KAMUKU 912	A	1.15		.04		.02		.19	.25		.09								.04							.49			.04				
KAILUA FIRE STA 791.3		2.14	T	T	T	T	T	.50	.17	.12	.09	.05	.03	T		.04		T		.01	.04		.05			.84	.05			.2	.05		
KALIHI RES SITE 777	R	3.94		.12	.04	.98	.38	.52	.04	.08	.32	.32		.0		.14	.04	.08	.18	.02	.02	.08			.02	.02	.02	.02	.18	.04	.18	.04	.04
KANEOHE MAUKA 781		4.68		.03	.17	.18	.17	.21	.30	.01	.26	.15				.15	.03	.02	.05	.02	.02	.05				2.60	.01		.1	.07			
KAPALAMA 773	A	1.80		.06		*	*	.70		.05	.13					.05		.06	*	*	*	.20	.02	.05			*	*	.2	.02	.1		
KAWAIHAPAI 841	A	.43		.05		*	*	.21	.05	.02		.03								*	*	.05	T				*	*	.0	T	.1	.01	
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEMOO CAMP 8 855	A	.75		.02		*	*	.13	.10	.05		.23							.00	*	*	.5					*	*	.09				
KOOLAU DAM 833	A	8.79	.45	.38	1.17	.10	.25	.16	.30	.27	.18	.13				.61	.12	.47	.69	.07	.11	.33	.15		.06	.03		.11	.74	.0	.89	.16	.1
LUALUALEI 804	A	.39				.15		.19				.05																					
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.10		.01		.01				.01	.03														.0		.0						
MAKAHA PUMP 800.2	A	.57											.57																				
MAKAPUU POINT 724		.61		.01	.01	.06	.01	.06	.17	.06		.01	.01				.04			.03		.02	.1		.03	.02	.4					
MANOA 712.1		2.82		.05	.07	.20	.05	.10	.41	.06	.12		.01	.02		.14	.12	.20	.15	.02	.10	.13			.10		.12		.32	.10	.10	.13	
MANOA TUNNEL 2 716	R	6.82		.08	.12	.40	.42	.80	.26	.32	1.18	.16				.14	.24	.14	.28	.22	.12	.2	.08	.2		.04	.04	.56	.2	.06	.4	.3	
MOANALUA 770		1.09		.02	*	*	*	.33	.11	.01	.05																		.41	.2	.1	.3	
NUUANU RES 4 783		4.22		.05	.05	.69	.38	.33	.06	.51	.83	.10				.26	.12	.10	.08	.04	.12	.1	.02				.10	.1	.02	.08	.02		
NUUANU RESERVOIR #5	A	3.16	*	*	*	*	*	1.11	*	*	*	*	*	*	.66	*	*	*	*	*	.67	*	*	*	*	*	*	.53	*	*	*	.19	
OPAEULA 870	A	2.17		T	.02	.12	.04	.06	.05	.04	T	1.00				T	T	.04	T			.06	T	T		T	.06	.2	.6	.2	.0	T	
PALI GOLF COURSE 788.1		2.61		.10	.03	.50	.06	.02	.29	.13	.16	.42	.04			.18	.04	.05	.07	.03	.01	.1				.20		.02	.03	.0	.09		.02
PALOLO VALLEY 718	R	5.17		.05	.35	.20	.39	.73	.28	.12	1.00	.03		.04		.02	.40	.08	.18	.02	.04	.10	.08		.02			.06	.4	.22	.16	.12	.02
PAUOA FLATS 784	R	7.57		.23	.11	.82	.70	.59	.40	.82	1.08	.02		.02	.02	.24	.14	.44	.1	.16	.16	.6	.16	.04	.02	.08		.34	.36	.16	.18	.18	.06
PORTLOCK ROAD 724.4		.79		.01	.02	.01	.02		.20	.05		.20		.02	.03	.05	.01		.06	.01	*	.03						.2	.03	.01	.1	
PRI WAHIAWA 820.2	A	1.69		.17	.07	*	*	.70	.17							.04		.02	.04	*	*	.15					*	*	.22	.03	.06	.2	
PUNCHBOWL CRATER 709	A	1.34		.06	.10			.03	.18	.04	.03	.02				.03	.02	.03	.06		.10	.07	.02		.02			.03	.30	.05	.03	.08	.04
ST STEPHENS SEM 788		3.01	T	.01	.03	.25	.35	.18	.40	.3	.12	.48	T			.03	.02	.01	.15	.01	.02	.09	.03			.48	T		.13	T	.0	.01	.06
TANTALUS 780.5		5.72	.02	.18	.22	.43	.15	.31	.56	.12	.35	*	.08	*	.01	.22	.12	.28	*	.30	.29	.5	.1	.4			.01	*	.75	.4	.06	.52	.16
UNIV OF HAWAII 713	A	.13		.07	.03	*	*	.13	.21	.02	.01	T			T	.09	.06	.03	*	.1	.16	.5	T	T				*	.06	.03	.05	.05	
UPPER WAHIAWA 874.3		4.41		.09	.06	.79	.68	.61	.11	.09	.03	.03				.06	.03	.05	.13	.0	.03	.26	.22	.05		.28		.04	.24	.09	.39	.04	
WAHIAWA DAM 863	A	1.38		.02		*	*	.73	.14	.05		.03				.04		.04	.10	*	*	.08					*	*	.15		.07		
WAIAHOLE 837	A	4.30		.29	.07	*	*	.72	.42	.08	.17	.68	*	*	.04	.13	.14	.08	.2	*	*	.14	.18	.11	.09	.39	*	*	.05	.8	.03	.3	
WAIALAE KAMALA 715		.84		.06	T	.06	.01	.06	.10	.03		.27		.0	T	T	.01						.02						.13	.01	.28		
WAIALAE 896.3		2.20	.02	.04		.18		.19	.27	.10	.10	.03							.05	.02	.02	.2	.1			.79		.01	.05		.04	.24	.15
WAIALUA 847	A	.30		.04	T	.10	.02	.02	.03	.02	.01	T						T	.02			.02							.01	T	.01		
WAIANAE 798.2	A	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAIANAE MAUKA 803	A	3.17	*	*	*	.95					*	*	1.47	*	*	*	.09	*	*	.12	*	*	*	.08	*	*	.1	*	*	*	.2	*	*	
WAIANA 836	A	6.96	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.96
WAIKANE 885	A	9.15	*	*	*	*	*	2.80	*	*	*	*	*	*	1.45	*	*	*	*	*	*	1.49	*	*	*	*	*	*	2.98	*	*	*	.33
WAIKIKI 717.2		.30		.03	.01	.02		.04	.04	T		.06		T	T			.02		T	.03	.01	.01			T		.1	.2	T	T		
WAIMANALO EXP FARM		.45				.05		.01	.06			.05			.01							.03	.03	.01		.12	.1	.2	.03				
WAIMEA 892	A	2.82		.09	.12	*	*	1.20	.14	.07	.05	.04				.17	.04	.15	.1	*	*	.07	.09			.04	*	*	.11	.04	.18	.07	
WAIPAHU 750	A	.45		.06	.10	*	*	.11	.02	.01									.01	*	*	.01					*	*	.12			.1	
WILHELMINA RISE 721	R	1.54		.08	*	*	*	*	*	.66		.04				.10	.04		.04	.02	.14	.8	.02	.08				.08	.2	.10	.1	.02	

See reference notes following Station Index

DAILY PRECIPITATION

Station	Elev	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																
ISLAND OF [illegible]																																
[illegible]		.10		.14	.14	.14		.20	.04							.04	.02	.02		.04	.43	.05					.12	.06		.06	.01	.02
MAUNAKAKAI 536		.07	•	•	•	•	•	•	•	•	.60																					
[illegible]	Δ	.39	•	•	.14	.05	.06	T		.04							.04	T	.02							•	•	.01		T	.02	
[illegible]		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
[illegible]		.61		.11	.14			.03	.12	.96	.08						.04							.13							
[illegible]		.39		.16	.14	T	.01	.07	.08								.07		.03											.01	
[illegible]		1.75		.09	.06	•	•	.42	•	•	.56				.06	.19	•	.13	•	•	.66				.01	•	•	.04			.13	
[illegible]		3.15	•	•	•	•	•	.80	•	•	•	•	•	1.48	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.42	•	•	•
• • •																																
ISLAND OF [illegible]																																
[illegible]	Δ	.19			•	•	•	•	•	•	.00						•	•	•	•	•	•	•	.19							•
[illegible]	Δ	.12							.08														•	.04	T						
[illegible]	Δ	2.32			.12	T	T		.17	.09	.66	.01		T		T	.01	T							1.35	.01						
[illegible]	Δ	1.51	•	.05	•	•	•	•	•	•	1.25	•	•	•	•	•	.05	•	•	•	•	•	•	.12	•	•	•	•	•	.04	•	•
[illegible]	Δ	.42			•	•	•	•	•	•	.42													T							•	
MALAUFA 676	Δ	.15			•	•	•	•	•	•	.15																				•	
[illegible]	Δ	.41	•	•	•	•	•	•	•	•	.40	•	•	•	•	.01																
• • •																																
ISLAND OF MAUI																																
[illegible]	Δ	.20																														
MALEAKA B E S 434	Δ	.64			.04	.11	.07	.24	.04											.03								.09		.02		
MALEAKA A RANCH 432	Δ	.00																														
MA EAKALA RS 438		.07		T		T	.02		.04	T	.01	T								T			T	T							T
MALEAKALA SUMMIT 338.4	Δ	.27				•	•	.11			.14		•	•	.02					T			T	T								
[illegible]	Δ	.19				•	.04	.07	.03											•	.02						•	.02		.01	
[illegible]		1.10			.12	.05	.18	.07	.15					.01	T		.05		T	.05	.05					.01		.04	.06	.07	.05	.14
MANA 354	Δ	1.99	.03		.03	.05	•	.20	.15	.12	.19		•	.03				.12				.21	.50	.12					.05	.08		.11
MANA AIRPORT 355		2.30	.01	.06	T	.25	.17	.01	.21	.18	.15	T	T	.01	.06	.04	.05	.06	T	.11	.09	T	.41	.14		T	.01	.11	T	.02	.14	
MANAHUI 381		•			.04		.18	.03	.28	.12	.10							.72	•	•	.27			.68	•	.07	.13	•	.23	•	•	•
[illegible]	Δ	.18	•	•	.05	•	•	•	•	•	•	•	•	.13																		
[illegible]	Δ	2.68	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	2.68
[illegible]	Δ	1.08			.08	•	.20	.24	.11								.06	•	.02	•	.06		•	•		.03	•	.03	.10	.05	.10	
MONOMANU 5 [illegible] 341	Δ	1.00	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	1.00
MAANAPALI AIRPORT		.07		.02	.03	T			.02										T													
[illegible]	Δ	.96	•	•	•		•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•		•	•	•	•	•	•	.90
[illegible]	R	.02			T	T	T		.02											T						T					T	
KAILILI 436	Δ	3.03	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	3.03
KAILUA 446		3.73			.01	.22	.50	.54	.42	.20	.02			.04	.03		.05	.09	.05	.30	.15	.05	.06	.02		.05	.05	.21	.02	.08	.34	.23
[illegible]	Δ	.33	•	•	•	•	•	.10	•	•	•	•	•	.15	•	•	•	•	•	•	.08	•	•	•		•	•	•	•	•	•	•
[illegible]		.04						.04	T																				T			
[illegible]	Δ	4.10	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	4.10
[illegible]		.16									.16																					
MIHEI 311		.00																														
MIPAHOU 258		2.84	.12		.05		.35		.25		.16			.15	.03			.16			.31		.27		.30		.35			.15	.12	.07
[illegible]		.08									.08																					
[illegible]		1.02			.08	.03					.81	.08												.02								
[illegible]		.22							.02																							
[illegible]	Δ	.70	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	.70
[illegible]	Δ	.00																														
[illegible]	Δ	3.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	3.20
MAHINAHINA 466	Δ	.39		.07				.10	.08																	.10						
[illegible]	Δ	.95	•	•	•	•	.30	•	•	•	•	•	•	.21	•	•	•	•	•	•	.25								•	•	•	.19
[illegible]	Δ	.11			T	.07	.01	.01	.02	T																						
OLOWALU 296		.00																														
PAAWEA 350		6.03	.02	.01	.06	•	•	1.13	.84	.07	.02			.17	.13	.05	.07	.36		.45	.39	.06	.28	.14	.05	.38	.01	.44	.23	.32	.25	.10
PAIA 406		.16			.03	.01	.01	.05	.02											.01	T					T				.01	T	.02
[illegible]	Δ	.48	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	.48
PUHAKA BRIDGE 307.2	Δ	.00																														
PUUPAOI SPRINGS 267.2	Δ	1.05	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	1.05
[illegible]	Δ	1.40	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	1.40
[illegible]		.11						.01	T																							
SPRECKELSVILLE [illegible]		.04			T			.04	T																							
TWIN GATES 261.9	Δ	.00																														
[illegible]	Δ	.61	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	.61
[illegible]	Δ	.00																														
[illegible]		.56									.47	.07																				.02
[illegible]	Δ	.00																														
[illegible]	Δ	.40	•	•	•	•	•	•	.10	.17	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	.07	•	•	•	•	.06
[illegible]	Δ	.49	•	•	•	•	•	•	.30	.17	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	.02		•	•	•	•
WAIKAMOI 449	Δ	4.60	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	4.20
[illegible]	Δ	4.27	T	T	.17	.14	.37	.24	1.07	.12	.25	.47	T	.02	.01	.05	.01	.17	.09	.01	.28	.12	T	.05	.01	T	.08	T	.47	.05	.08	.09	.15
[illegible]		.01	•	•	•	•	•	•	.01	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
[illegible]	Δ	.17							.07	.06											.03											
WAIOPAI RANCH 246	Δ	.00																														
• • •																																
ISLAND OF HAWAII																																
[illegible]	Δ	.20	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	.20
[illegible]	Δ	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•
CITY OF REFUGE 27.4		1.09	.18	T	•	•	•	•	.02	.23	.20	T		•	.07			T		T								.38	T	T	.01	T
EAST HONOKAAE 1.83.2	Δ	23.30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	23.30	•	•	•	•
HAINA 214		.68								.19	.02				.01	.03				.10	.03		.04			.10		.02		.01	.13	
MAKALAU 142		3.21	.01	.02		.08	.29		.09	.07			.05	.27	.12	.27	.03	.12			.40	.04	.09	.33	.03	.01	.22	.23	.32		.07	.01	.04
[illegible]	Δ	.42	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.25	•	•	•	•	•	•	•	•	•	•	.17
[illegible]	Δ	.62	.12	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.50
[illegible]		.57				T			T		.28	.25	T											.04								
HAWAII VOLCNS NP HQ 54		1.79	.01			.02	.04	T	.02		.06	.10	.01	.37	.03	.11	.12	.05	.18		.08	.03	.06	.03			.35		.02	.06	.04	.02	
[illegible]	Δ	.88			.11	•	•	.10		.02			•						.10	•	.05	.21	.01		.02	.64	•	.07	.08	.07			
[illegible]	P	5.07	.08	T		.10	.20	.11	.12	T	.10	T	.03	1.05	.22	.38	T	T	.14	.12	.12	.11	.37	T	T	.64	T	.19	.13	.49	.51	T
[illegible]	P	3.54	.04	.01	T	.17	.42	.05	.03	.03		.02	.18	.10	.48	.03	.11	.03		.08	.09	.11	.10	.01	.13	.02	.17	.18	.12	.35	.01	T
HOLUALOA 70	Δ	2.30	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	2.30	M
[illegible]	Δ	.98	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	.58	•	.40	•
[illegible]		3.66	.03	.11				.10	.21		•	•	•	.85	.16		.19						.03	.67		•	1.24	.03			.04	
[illegible]		2.90	.06	.11		.12	.21	.01	.22	.31			.02	.22	.05	.22	.06	.03		.07	.01	.37	.22		.01	.14	.15	.21	.02	.12		.08
HONOKAAE 181.1	Δ	2.29	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	2.29	•	•	•	•	•	•	•	•	•	•	•
[illegible]		5.26	.03	.06		.12	.30	.21	.15	.11			.08	.28	.27	.82	.01			.10	.10	.89	.42	.07	.11	.50	.05	.22	.01	.10	.25	
[illegible]	Δ	1.65	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	1.65	•	•	•
MLALALAI 72	Δ	4.88	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	4.88	•	•
[illegible]	Δ	.18	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.15	.63	•	•	.25	•	.15	•	•	•	•
[illegible]	Δ	.59							•	.01	.09	•	•	•	•	•	•	•	•	•	1.47	•	•	•	.03							
KAAKALOA 29	Δ	.47	.15	.02				.13	.06	.01			•	.13		.11	.20							.38		•	•	.54			.15	
[illegible]		3.86	.18	.38	.05			.38	.32	.25		.01		.22	.14	.04	.28		.01	.02				.46		.10	.95	.09	.10		.14	.04
[illegible]		1.48				.02	.04		.09	T		.06	.07		.15	.01		T			.05	.52	.26	T		.09	T	.07	.02	.03	T	
MAMALOA NO 2 5	Δ	.00	•	•	•	•	.4	•	•	•	•	•	.57	•	•	•	•	•	•	.10	•	•	•	•	•	•	.13	•	•	•	•	•
[illegible]		.40							.4	.01			.13					.05		.07	.09							.03				
[illegible]	Δ	.15	•	•	•	•	•	•	•	•	•	•	.15																			
[illegible]	Δ	4.71	•	•	.75	•	•	•	•	•	•	•	•	•	•	•	•	.98	•	•	•	•	•	•	1.70	•	•	•	•	•	•	.38
[illegible]		4.01	.05	.14		.10	.44	.14	.25		.05		.05	.04	.04	.32		.05	.15		.01	.03	.21	.60			.30	.13	.27	.10	.22	.29	.03

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		2.35	*	*	*	.33			.18	.24	.02				.11		.04			T		T		.55			.55	.06	.01		.19	.01
KEHENA 181.2	A	18.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.	*	*	*		
KIOLAKAA A & F 6	A	1.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	*	*	*	
KIPA 89.2	A	4.69	.12			.01	.22	.09	.06	.02			.11	.41	.22	.28	.01	.01	.21		.07	.04	.22	.61		.21	.64	.02	.35				
KOHALA MAULILI 176	A	.52				*	*	.09			.02								.33	*	*	.06	.16				*	*	.05				
KOHALA MISSION 175.1		.42			.01	.04	.03			.03					T		T		.03			.04	.04	T		T	.04		.02				
KOIAWE LOWER 196	A	1.93	*	*	.45	*	*	*	*	*	*	.40	*	*	*	*	*	*	.5	*	*	*	*	*	*	.48	*	*	*	*	*	*	
KONA (KAILUA) 68.3	A	.28	.02							.02										*	*	.05	T				*	*	*	.06			
KONA VILLAGE 93.8		.13																		.05				.08									
KUKAIAU 222		1.42		.02			.01	.04	.07	.18			.11		.08			.01		.12						.16		.14		.04			
KUKUIHAELE HIC 199		.85					.01				.10				.05	.12			.02		.15	.25		.02			.5		.02		.26		
KUKUIHAELE MILL 206	A	.53				*	*	.03			.18			*	*	.02				*	*	.04		.04			*	*	.04		.07		
KULANI CAMP 79		2.28				.02	.10				.21	.14	.01	.65		.18	.10		.15		.02	.02	.10	.22			.22		.02	.07	.03	.02		
KULANI MAUKA 76	A	.80										.40	.40																				
KULANI SCHOOL SITE 78	A	2.16	*	*	*	.07	*	*	*	*	*	*	.44	*	*	*	*	*	*	1.04	*	*	*	*	*	*	.61	*	*	*	*	*	*	
LANIHAU 68.2		2.73	.11	.08	.04				.06						.09	.04	.13																
MAKAHALAU 103		.39																					.08										
MANUKA 2	A	1.75											*	*	.80	.15										.40	*	*	.30				
MAUNA KEA OBS 111.2		.30					T	T				.12	.12	.06																			
MAUNA LOA SLOPE OBS		.76										.47	.22											.06		.01							
MIDDLE HOLUALOA 68.1	A	2.08	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.84	*	.54	*	
MIDDLE PEN 147.1	A	.46	*	*	*	*	*	*	*	*	*	*	.34	*	.12	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MOAULA 18	A	.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30	
MOUNTAIN VIEW 91		3.28	.01	.01		.05	.22	.02	.08				.33	.27	.26	.30	.03	.04	.14		.11	.04	.17	.22	.13	.03	.18	.12	.24	.08	.09	.01	
NAALEHU 14	A	.99					.11							.74	.04								.21	.07									
NAPOOPOO 28	A	1.15	*	*	*	*	*	.28	*	*	*	*	*	*	.33	*	*	*	*	*	*	.12	*	*	*	*	*	*	.42	*	*	*	
NIULII 179	A	.30				*	*	.10									.08		.08				.02							.14			
OOKALA 223		1.55	T			.01	.06	.20	T		.12	T	T	.02		.15			T				.05	.13			.25	T	.16	.17	.02	.08	.01	
OPIHIHALE 2 24.1		3.44	T			T			.06	.20				1.03	T		.03		T	T			.27	T	T		.30	.12	.11	.13	.11	T	.18	
ORCHID LAND EST 91.5	A	3.50	*	*	.87	*	*	*	*	*	*	.65	*	*	*	*	*	*	*	*	*	*	*	*	*	.85	*	*	*	*	*	*	
PAAUHAU 217		.78				*	*	.01		.03	.28			*	.06					*	*	.11		.09			*	*	.09		.02	.04		
PAAUILO 221		1.27					T	.03	.16	.09			.03	T	.03			T		.12	T		.07			.09		.12	.02	.01	.09	.01	
PAHALA 21	A	.19										.02		.17	T									T									
PAHOA 65		5.25	.05	.10	.07	.05	.22	.02	.36	.04	.05		.28	.22	.22	.14	.09	.10	.20		.08	.23	.43	.36	.15	.15	.17	.08	.15	.15	.70	.36	.09	
PAKAO 37	A	3.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.65
PAPAIKOU 144.1		3.25	.11	.02		.04	.33	.02	.08	.01		.01	.11	.18	.07	.28	.02	.05	.06		.04	.06	.50	.26		.04	.15		.26	.07	.08	.27	.15	
PAPAIKOU MAUKA 140.1		5.83	.09			.08	.23	.40	.11	.32		.01	.10	.32	.26	.38	.01	.03	.03		.09	.15	.54	.55	.02	.15	.40	.04	.34	.02	.20	.62	.24	
PIIHONUA 89	A	6.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.90	*	
POHAKULOA 107	A	1.40	*	*	*	*	*	*	*	*	*	*	*	1.40																			
PUAKO 95.1	A	.02				.02						T	T	T								T											
PUU KIHE 120	A	.96			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU LAAU 102.1	A	.00																															
PUU LEHUA 73	A	1.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00	
PUU MALI 113	A	.60		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.6	
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PUU WAAWAA 94.1	A	.37				.15											.10							.03	.03		.07						
SADDLE ROAD 1 84	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
SOUTH POINT CORRAL 3	A	.17	*	*	*	*	*	*	*	*	*	*	*	.14	*	*	*	*	*	*	*	*	*	*	*	*	*	.03					
UMIKOA 118		.53				.02			.03		.10		.03	.10	.02	.07		.04	.01	*	.07			.02									
UPOLU POINT USCG 159.2		.37				.02				.07									.03			.01	.08			.04		.05	.06	.01			
WAIAKEA SCD 88.2		4.58	.08		.10	.01	.23	.10	.04	.05	.05		.02	.24	.18	.34	.10	.09	.06		.33	.04	.20	.41	.02	.09	.55	.11	.20	.12	.34	.46	.03	

See reference notes following Station Index

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1973

Station	Day of Month																													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]	[illegible]															.47	[illegible]		.01		T	.51	.18	1.49	.01						.21
[illegible]	4.09		.5	[illegible]		8.47	.46	[illegible]	.40	4.40	.82	.50		[illegible]	.60		.03			.38	.35		.23		.20	1.60	.40	.40	.10	.50
[illegible]	.46	.49	.21		T	T	.14	.38	.07	T	.33		T		T	.01		T	T	T	.02		T	.05	.01	.01	.03	T	T		
[illegible]	[illegible]	.63	.71	[illegible]	.8	3.55	[illegible]		1.43		.78	.35	.01		.08	.23	.04		.07		.39		.15	.14		.44	.28	.21	.14	.02	.38
[illegible]	3.19			[illegible]	.05		.17	.07	.01			.17	.25						.01		.06	2.06					.20		.10		.01
[illegible]	2.72	.3		[illegible]	.44	[illegible]	[illegible]	.68	T			.42	T	.02		.11	.04	[illegible]	.01	.04	.01	.07	.09	.66	.04	.08	.14	1.52	.07	.01	.01	.75
[illegible]	[illegible]	.48	T			.24	.12	.36			.91	.87		[illegible]	T	.32		T	.01	.02		T	T	.10	.06	.03	T		.02	.22	.75	.03
[illegible]	[illegible]	.45	[illegible]	[illegible]	.43	[illegible]	.26		.58	.54	.10	T	.01	.04	.05	.13		.04	T	.05		.07	T	.11	.02	.87	.03	.02	.01	T	.22
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	T	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]																															
[illegible]	13.54	T	.35	.63	[illegible]	.10	.03		.35	.47	.35	.48	.45	.47	.60	T	.05	.17	.15	.10	3.73	1.19	.74	.07	.70	1.70	T	.09	.06	.07	T
[illegible]	13.62	.22		.6	.44	.40	.04	1.45	.12	.03	T	T			.10	.08	T	.06	.79	.48	.87	2.42	3.75	.50	.06	.35	.75	.07	T	.01	.23
[illegible]	9.50	.6	.28	.58	.08		.03	.03	.21	T	.05	.94	1.51		.17	T		.46	.19	.04	1.22	.63	.36	.01	.06	2.01	T	.13	.14	.37	.04
[illegible]	6.50	.2	.3	.02	.56		.27	.24	.41	.09	T	.36	.05			.17	.08	.02	.05	.13	1.69	.41	.40	.03	.26	.73	.02	.05	.05		
MANGILAO	12.39	.03	.24	.52	.04	.08	.13		.03	.19	.30	.11	.49	1.72	.52	.03	.28	.21	.22	.10	.40	.80	2.00	.50	.26	.22	.31	.30	.03	.18	.14	.30
ROTA	13.35	.16	T	1.00	2.28	T	T	.62	.40	.25	.05	.10	.06	T	.18	.04	.50	1.00	.06	T	.95	2.20	T	.75	.20	T	.66	.50	.80	.35	T	1.00
SAIPAN [illegible]	11.07	.44	.07	.48	.39				.05	.22	.73	.01	1.43	.66		.14	.48	.17	.06	.50	1.80	.71	.25	.24	.37	.14	.14	1.61	.04	.06	.23	.02
WAKE WSO AP	7.42	.45	.05	.13	.88	.86	.86	.54	.17	.01	.20	.01	.31	.04	.07	.07		.54	.02	.01	.04	.18	.02	.01	1.38	.88	.07	.01	.01	T	
[illegible]																															
[illegible]																															
[illegible]	9.23					.76				.12						2.76		.63			.94	1.26		.62	.36	.80					
ENIWETOK	5.49	.22	.01	.06		.11	.25		.11	.20	.39	.02			.70	.06	.03	.28	.17	.22	.01	.01	.06	.80	.01		.02	.12	1.47	.01	.05	.03
[illegible]	8.14	.22	1.22	.07		.26	.01	.15			.50	.08		1.61		.10		.44		.21	.25	.12	.65	1.00	T	.20			.95	.04	.06	
KAPINGAMARANGI ATOLL	1.68					.86				.06			.01	.20	.45															.05	.05	
KOROR WSO	11.34		.26	.01	.86		1.35	.89				.06	.08			.16	.59	.67	.04	.03	.13	2.25	.49	.01	.24	.90	1.30	.31	.06	.27	.20	.19
[illegible]	7.45	.59	.01		.04	.01	.31	.26	T	.05	.85	.23	.04	.10	.06	.38	.79	.02	.02	.65	.27	.25	.97	.06	.20	T	T	.17	.92	.07	.19	T
[illegible]	19.84		.21	.49	.93	.20	.89	.88	.45			1.09			2.13	.07		.18	1.21	3.96	.11	.94	.12	2.40	.10	.12	.78	.03	.14	.21	.26	1.94
MAJURO WSO AP	13.86	.88		.57		.26	.13	T		.75	.01	.13	.47	.06	.29	1.79	1.05	.27	1.14	.40	T	.20	.80	.12	.13	.12	.18	.04	T	.84	3.23	T
METZLANIM	15.94		.05	.03	.06	.20	.52	.41	1.24	1.15	.37		.21	.01		3.53	.62	.02	.03	.03	.81	1.41	.35	.27	.31	.01	1.21	.51	1.45	.19	.37	.57
MOEN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	17.88	.04	.25	T	.80	.12	.16	1.33	2.37	.37	T	.12	T	.08	1.83	.91	.91	.19	.51	.94	.45	1.12	.10	.07	.50	.02	1.02	1.90	1.43	.17	.03	.11
SATAWAN ATOLL	-		.04	.30	.37	1.56	.59	.04	2.23	1.11		.35	.85	.07		.12					-		.09	.05			.40	.43		.02	.50	.19
TRUK, MOEN IS WSO AP	13.18	.01	.71	.77	.05	.94		.87	.43	.01	.02	.59	.09		.19	2.12	.06	.02	1.20	.32	1.01		.36	.13	.05	.03	3.17	.01		.27		.15
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAP WSO AP	5.13	.01	.52	.02	.16	.04	.50	.03	.47		.03	.23				T	.04		.40	.29	.25	.21	.48	T	.03		.80	.62		T		

[illegible] Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
* * *																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	76	73	71	74	72	73	69	71	74	71	76	76	75	74	74	71	74	68	70	74	73	71	74	70	80	74	73	74	74	73	73	73.1
	MIN	54	56	57	53	53	59	56	57	56	49	49	53	58	52	52	59	57	57	57	57	50	51	55	55	57	54	56	54	57	56	51	54.7
KILAUEA POINT 1133	MAX	83	86	81	83	84	82	86	87	83	84	83	82	83	85	85	82	83	82	84	83	84	85	85	81	83	84	83	82	82	84	86	83.5
	MIN	70	70	69	68	72	69	69	69	68	69	68	68	67	67	65	68	63	68	66	67	69	66	66	68	67	70	70	69	70	69	69	68.2
LIHUE WSO 1020.1 AP	MAX	86	85	84	85	85	86	85	85	83	85	85	85	86	84	85	86	85	83	83	85	85	84	83	81	86	85	84	84	85	83	84	84.5
	MIN	70	74	72	72	74	76	75	73	73	73	70	77	76	74	75	72	73	72	74	75	76	76	73	75	77	75	71	75	73	73	75	73.8
MAKAHUENA POINT 940.1	MAX	86	86	85	85	86	85		85	87	88	88	88	86	88	86	85	85	86	84	86	85	86	88	81	85	86	85	85	86	86	85	85.8
	MIN																																
MANA 1026	MAX	89	88	87	86	86	89	88	89	87	87	87	88	87	87	87	88	88	87	86	87	87	87	85	87	85	86	90	88	87	89	88	87.3
	MIN	66	68	67	69	69	67	68	68	69	67	65	67	65	66	65	65	68	65	64	68	69	68	67	68	70	64	66	68	67	66	67	67.0
NIU RIDGE 1035	MAX	85	84	83	83	84	85	85	84	83	85	84	83	84	85	83	84	85	83	84	84	85	85	83	85	84	85	83	84	85	84	83	84.1
	MIN	61	62	61	63	62	63	65	63	63	64	64	62	63	60	62	63	65	63	65	64	65	63	64	66	65	66	64	65	63	64	65	63.5
WAIAHI LOWER 1054	MAX	84	84	84	85	85	83	82	84	83	83	84	84	81	81	81	82	80	80	81	81	81	81	81	82	82	81	81	82	82	82	82	82.2
	MIN	67	64	65	65	67	70	68	65	66	66	62	64	67	67	66	68	67	65	67	67	68	65	69	68	69	69	68	68	69	66	64	66.6
* * *																																	
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX	83	82	83	80	83	83	83	83	83	83	83	82	85	84	84	83	84	86	84	86	85	84	83	76	82	83	84	84	83	83	84	83.2
	MIN	72	74	75	72	77	76	75	70	71	72	71	72	73	72	72	73	73	72	72	72	72	71	70	70	71	70	68	68	67	67	67	71.5
EWA PLANTATION 741	MAX	87	87	85			88	87	86	87	84			89	87	87	87	86			87	89	88	83	86			88	87	87	86	86	86.7
	MIN	67	68	68			69	70	69	68	68			66	70	70	71	72			69	70	68	72	73			69	69	69	68	69	69.2
HONOLULU WSO 703 AP	MAX	89	87	87	89	90	88	88	89	86	90	91	90	88	88	89	88	88	87	87	89	91	86	84	86	89	86	88	88	88	89	88	88.1
	MIN	74	70	73	73	75	74	73	75	71	74	70	78	76	75	75	73	75	74	74	74	76	73	76	77	78	74	73	75	75	75	73	74.2
HONOLULU SUBSTA 704	MAX	83	81	82	84	84	83	83	83	83	84	85	82	82	82	82	81	83	82	81	83	84	82	81	82	83	80	82	83	82	81	82	82.4
	MIN	73	70	71	71	73	74	72	74	72	74	73	77	74	74	74	73	74	73	73	74	76	75	76	76	77	74	72	75	74	73	73	73.7
KANEOHE MAUKA 781	MAX	83	85	81	82	84	84	82	83	84	85	84	84	84	83	82	84	83	84	82	82	84	86	82	87	83	84	82	82	82	83	84	83.4
	MIN	73	68	70	71	71	75	73	72	70	71	71	72	74	71	72	73	74	74	74	72	75	75	73	73	73	73	71	74	74	72	71	72.4
LUALUALEI 804	MAX	90	89	88	90	91	92	93	89	88	89	92	85		92	90	89	88	91	86	85	90	94	89	88	87	90	90	89		90	89	89.4
	MIN	69	70	72	70	74	74	78	70	71	66	66	67	79	74	75	73	72	73	74	70	71	73	74	72	78	73	71	74	72	72	74	72.1
MAKAPUU POINT 724	MAX	80	80	80	79	80	76	79	80	81	83	80	84	80	79	80	80	80	80	82	78	80	82	80	84	79	79	79	79	79	79	80	80.0
	MIN	72	65	70	70	66	65	68	70	70	72	72	72	72	72	67	71	70	71	70	70	73	72	73	75	70	71	72	73	69	73	73	70.6
OPAEULA 870	MAX	84	84	85	85	84	85	85	84	85	85	84	85	85	87	85	87	84	84	85	87	85	85	85	87	85	86	87	87	87	87	87	85.4
	MIN	66	66	64	66	64	67	65	63	64	64	64	64	64	64	63	65	63	64	65	67	63	64	65	64	66	65	67	67	66	65	66	64.8
PRI WAHIAWA 820.2	MAX	85	85	82	82	83	85	83	84	84	86	86	89	89	85	84	85	83	84	84	86	86	87	84	83	82	85	86	84	86	83	85	84.7
	MIN	65	67	66	67	66	65	67	67	65	66	64	70	62	67	66	67	69	67	67	67	68	65	66	69	69	69	67	67	67	66	65	66.6
WAIALEE 896.3	MAX	87	87	85	84	86	88	86	85	85	87	86	87	88	87	86	86	84	87	86	84	86	87	85	86	83	86	85	86	86	85	86	85.9
	MIN	70	70	71	71	74	71	70	71	71	71	72	75	75	73	74	74	70	74	72	74	73	72	75	72	73	71	71	73	72	73	69	72.2
WAIALUA 847	MAX	83	86	85	84	86	88	85	86	87	89	88	90	86	87	86	86	84	86	85	83	86	88	86	85	86	87	84	86	85	85	86	85.9
	MIN	67	68	67	68	67	64	69	67	65	67	68	63	71	66	64	67	68	69	68	67	67	64	67	71	72	75	68	66	66	65	64	67.3
WAIKIKI 717.2	MAX	86	87	87	86	88	88	87	88	87	86	87	90	87	87	87	88	87	86	86	85	87	87	85	85	85	87	84	86	86	86	85	86.5
	MIN	72	67	69	71	73	75	70	69	66	69	65	71	73	71	70	71	70	71	71	71	72	72	71	71	75	73	70	72	70	69	67	70.5
WAIMANALO EXP FARM	MAX	84	84	84	84	86	85	85	85	85	85	86	87	85	86	85	85	85	84	85	85	85	85	84	84	84	83	85	85	85	85	85	84.8
	MIN	73	70	72	70	72	73	71	72	73	72	74	74	73	74	73	74	74	75	74	74	73	74	73	71	72	73	74	74	74	73	74	73.0
* * *																																	
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	83	83	80	82	83	83	89	85	85	85	89	89	86	87	87	87	87	92	84	86	89	88	85	85	88	90	87	87	89	86	87	86.3
	MIN	69	70	69	70	73	70	70	69	67	65	66	72	77	76	72	70	72	74	77	70	71	71	70	69	72	72	78	70	72	70	72	71.1
* * *																																	
ISLAND OF LANAI																															
LANAI CITY 672	MAX	79	77	75	77	79	84	79	76	76	78	78	76	80	79	78	78	76	78	76	76	79	81	79	79	78	76	80	78	77	75	77	77.9
	MIN	66	66	65	67	67	67	66	67	65	63	66	66	67	66	68	66	67	67	66	67	67	67	65	67	67	65	64	63	67	65	66	66.1
* * *																																	
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	74	69	64	65	63	67	67	62	64	61	57	68	70	60	66	64	67	66	64	72	68	62	65	65	71	67	65	70	60	65	64	65.5
	MIN	56	44	40	45	45	51	48	49	40	41	47	47	48	43	44	47	45	42	42	46	41	44	46	50	44	48	46	43	49	44	41	45.4
HALEAKALA SUMMIT 338.4	MAX	63	60	56	53	54	54	57	59	58	58	61	58	60	64	62	61	62	62	64	64	61	59	53	60	58	55	64	63	59	62	60	59.5
	MIN	46	41	43	34	35	34	42	39	38	39	42	44	42	45	46	42	44	47	48	46	43	38	43	45	38	39	39	47	41	42	44	41.8
HANA AIRPORT 355	MAX	86	86	85	87	86	86	85	85	83	87	85	85	86	87	87	88	86	87	88	84	86	80	86	86	87	86	83	86	85	86	86	86.0
	MIN	68	69	66	70	70	74	69	69	67	67	70	71	70	67	68	68	70	69	69	69	72	70	73	74	75	70	70	70	70	67	67	69.6
KAANAPALI AIRPORT	MAX	84	85	84	84	84	87	82	84	85	82	84	85	86	85	85	86	84	85	84	85	86	84	84	86	86	87	84	84	85	83	84	84.6
	MIN	73	70	70	72	74	75	70	69	67	68	68	70	73	69	70	70	73	73	72	70	68	70	71	71	77	74	71	70	73	71	72	71.1
KAHULUI WSO 398 AP	MAX	84	84	84	88	90	87	84	83	85	88	89	87	87	87	84	87	86	85	88	88	88	88	89	88	88	87	86	87	88	85	85	86.5
	MIN	73	72	68	67	73	74	70	72	64	63	67	71	73	71	72	66	73	73	72	70	69	67	69	70	74	74	71	70	73	71	71	70.4
KAILUA 446	MAX	79	79	80	80	73	78	79	77	78	79	79	81	81	79	78	80	78	78	79	77	79	79	79	80	79	79	79	79	78	77	77	78.6
	MIN	69	69	66	66	68	68	67	67	65	66	66	66	66	66	67	67	68	69	66	69	69	69	70	71	67	69	67	68	68	67	67	67.5

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAPU BEACH 260.2	MAX	94	93	87	87	90	90	91	89	85	88	89	90	90	92	92	90	89	92	91	88	91	92	88	88	89	91	91	90	90	90	85	89.7
	MIN	65	68	62	64	64	68	69	69	64	64	68	68	68	65	64	64	66	67	67	66	66	68	70	70	70	67	65	65	67	63	65	66.3
KULA SANATORIUM 367	MAX	78	76	73	74	71	80	80	78	70	71	78	78	79	72	74	75	75	76	75	75	75	75	73	78	79	78	76	72	74	76	75	75.5
	MIN	55	56	56	57	59	60	59	60	59	59	60	60	57	58	58	57	58	59	57	58	59	57	58	60	62	58	58	57	58	58	59	58.3
LAHAINA 361	MAX	89	87	89	88	89	89	89	87	87	88	88	88	88	87	88	88	88	88	86	89	87	86	88	88	90	90	88	88	86	88	88	88.0
	MIN	66	69	63	66	65	67	68	67	65	65	68	70	69	69	69	70	70	69	69	70	70	71	72	72	72	68	70	68	69	67	68	68.4
WAILUKU 386	MAX	82	82	83			84	84	82	81	82			86	83	83	83	83			83	85	85	84	86			84	84	84	82	82	83.3
	MIN	71	71	69			72	69	69	71	68			69	72	72	72	73			71	72	73	74	74			71	73	72	71	73	71.4
• • •																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	83	84	83	83	82	83	85	84	83	83	82	82	83	82	83	83	83	83	83	82	84	84	84	83	85	84	83	84	85	85	81	83.3
	MIN	67	68	68	69	69	69	69	69	65	66	69	69	68	67	67	67	70	67	68	69	72	69	69	72	72	70	67	69	68	65	71	68.5
HAWAII VOLCNS NP HQ 54	MAX	69	68	70	72	72	75	72	73	72	72	74	67	68	66	69	70	71	71	72	69	72	74		73	74	70	68	66	69	71	71	70.7
	MIN	53	53	54	55	55	59	52	52	53	55	56	58	54	53	53	53	54	55	55	56	55	55		54	58	64	55	52	54	54	53	54.7
HILO WSO 87 AP	MAX	83	84	82	87	88	86	83	85	87	85	85	84	78	86	84	85	85	85	85	86	85	86	87	86	85	82	84	83	84	83	85	84.6
	MIN	67	65	69	67	68	71	68	70	65	66	68	69	67	64	67	69	66	65	68	68	69	68	69	71	74	69	70	68	68	67	67	68.0
KAINALIU 73.2	MAX	77	77	74	76	79	80	80	78	77	77	80	81	78	79	76	80	78	76	76	77	77	79	79	79	79	77	72	77	77	78	78	77.7
	MIN	65	63	62	60	62	64	65	62	62	62	65	67	63	62	66	61	64	66	63	66	65	66	63	66	67	66	63	64	64	64	63	63.9
KAMUELA 192.2	MAX	73	75	72	74	76	79	73	74	73	75	74	79	72	70	73	75	74	72	73	74	76	75	78	81	77	74	73	74	73	76	73	74.5
	MIN	58	58	58	60	59	60	60	60	52	55	58	60	58	60	58	58	60	59	59	60	59	60	58	60	60	59	60	60	59	60	59	58.8
KEAAU 42	MAX	83	82	82	80	83	85	85	85	83	84	81	78	82	77	81	82	81	82	84	84	85	83	84	83	85	82	81	80	82	81	82	82.3
	MIN	66	64	65	65	66	69	61	67	65	60	60	66	65	64	64	65	66	65	66	67	67	67	67	70	71	67	67	66	66	66	66	65.7
KEALAKEKUA 26.2	MAX				80	82	82	81	79	78	81	80	83	79	81	77	80	80	79	78	80	82	80	80	82	82	80	77	77	77	80	80	79.9
	MIN				59	62	62	64	61	62	61	65	67	62	63	65	61	64	66	64	65	64	65	64	66	67	66	62	64	64	63	63	63.6
KOHALA MISSION 175.1	MAX	82	83	83	82	83	84	83	84	84	84	84	84	84	83	82	83	83	82	84	82	84	84	85	85	84	84	84	81	84	85	84	83.5
	MIN	67	68	68	68	66	69	70	69	65	66	69	71	69	68	68	69	70	70	69	69	70	70	70	71	72	69	68	69	70	68	68	68.8
KONA (KAILUA) 68.3	MAX	84	81	83	80	82	86	85	84	81	84			86	85	84	85	83			85	83	84	84	82	82	82	85	84	84	83	84	83.5
	MIN	72	71	69	66	68	69	73	69	68	71			71	71	73	70	72			70	72	73	72	72	72	72	72	71	71	70	68	70.7
KULANI CAMP 79	MAX	65	65	65	65	66	68	67	66	66	64	68	68	65	63	64	63	65	65	65	65	66	66	65	65	70	65	65	65	62	66	65	65.4
	MIN	49	46	49	45	46	50	48	50	47	45	49	52	47	46	47	48	50	50	52	50	52	49	49	51	55	51	50	48	51	51	55	49.3
MAUNA LOA SLOPE OBS	MAX	58	57	55	53	56	59	60	58	53	49	48	53	54	54	54	58	55	56	64	61	55	53	53	57	59	61	62	59	61	58	57	56.5
	MIN	41	38	37	36	39	47	42	39	37	37	39	39	39	40	39	38	36	38	43	41	40	40	38	41	41	42	45	42	43	41	42	40.0
MOUNTAIN VIEW 91	MAX	77	76	79	82	82	82	78	79	79	80	80	80	80	70	73	78	77	79	79	79	80	78	80	78	79	79	79	74	76	77	78	78.3
	MIN	61	60	60	61	61	61	61	63	59	59	60	60	60	59	60	60	60	60	60	60	62	62	63	64	63	63	63	60	62	63	61	61.0
NAALEHU 14	MAX	80	80	80			84	83	82	81	80			81	80	80	80	80			83	82	83	82	81			81	85	82	82	83	81.5
	MIN	68	65	65			63	66	65	65	66			66	67	67	67	66			62	69	67	68	70			70	60	69	65	65	66.1
OOKALA 223	MAX	83	82	83	85	85	83	85	83	82	83	82	83	83	82	82	83	83	84	83	82	85	83	82	82	85	83	82	83	83	83	83	83.1
	MIN	69	68	67	68	68	68	69	69	66	65	68	69	68	68	68	69	69	69	68	69	69	69	72	69	72	67	68	68	69	68	66	68.4
UPIHIHALE 2 24.1	MAX	78	80	81	83	85	82	78	75	74	79	87	74	76	77	78	81	76	77	80	83	74	82	80	84	81	75	75	78	78	74	74	78.7
	MIN	65	66	59	62	62	66	62	62	60	63	69	62	63	66	61	64	66	65	67	62	61	65	66	66	66	64	64	64	63	60	61	63.6
PAHALA 21	MAX	82	82	84			84	87	84	82	81			83	82	82	83	83	84	88	86	84	84	81	83			83	81	81	83	84	83.2
	MIN	63	62	63			63	64	63	63	63			63	62	63	63	65	62	64	66	66	66	66	69			64	66	64	63	62	63.9
PUAKO 95.1	MAX	86	88	87	84	86	85	87	85	85	86	86	85	87	84	86	86	83	86	86	85	84	84	84	84	87	88	87	88	85	87	86	85.7
	MIN	73	71	71	68	69	75	74	69	69	69	71	75	70	71	73	72	73	73	74	73	73	71	70	73	77	75	73	71	74	70	72	72.0
UPOLU POINT USCG 159.2	MAX	86	86	86	83	85	87	86	86	86	86	87	86	86	85	85	85	85	86	86	84	88	87	89	89	86	86	85	84	86	86	84	85.9
	MIN	70	70	69	70	71	68	71	70	70	70		72	71		69	70	69			69	71		70	73	71	72	67	71	73	71	68	70.2
	MAX																																
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	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
* * *																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	91	89	91	91	87	89	90	90	90	89	91	87	91	91	91	91	91	88	91	91	88	88	84	85	88	90	89	90	91	91	86	89.4
	MIN	75	75	78	78	78	74	76	76	77	74	72	76	77	78	78	75	77	79	78	79	78	77	74	72	77	76	75	76	77	77	76	76.3
JOHNSTON WSO AP	MAX	85	84	83	84	84	84	83	82	83	83	84	85	85	85	83	84	83	84	83	83	84	84	84	83	84	84	84	84	84	84	83	83.7
	MIN	75	77	78	78	77	73	74	74	74	76	78	78	78	79	78	78	79	79	78	77	77	79	77	78	79	77	75	78	79	79	77	77.2
LEONE	MAX	87	88	87	84	79	84	90	89	88	82	83	85	86	86	85	84	88	87	87	86	88	87	87	88	81	84	90	88	83	87	86	85.9
	MIN	76	77	77	71	70	74	70	71	70	72	75	74	77	75	78	73	72	73	76	80	80	79	81	79	79	79	78	75	75	76	79	75.5
FRENCH FRIGATE SHOALS	MAX	84	83	82	88	88	88	84	87	88	87	87	87	89	88	89	89	88	85	88	86	85	89	86	90	89	86	86	88	84	84	87	86.7
	MIN	71	73	73	72	71	70	68	68	70	75	78	74		75		78		73	72	73	72	69	73	73	75	77	68		69	72	71	72.3
MIDWAY SAND ISLAND	MAX	85	85	86	86	85	85	85	85	87	84	83	80	83	85	83	84	85	85	85	85	86	85	85	86	85	86	86	82	81	81	82	84.4
	MIN	72	77	77	78	72	73	71	76	75	75	70	69	75	70	73	71	76	76	73	73	73	72	73	76	72	73	72	73	69	73	72	73.2
PAGO PAGO WSO AP	MAX	84	85	85	83	79	82	87	86	83	79	80	82	83	83	83	83	84	86	85	85	86	86	84	85	82	87	86	84	86	85	85	84.0
	MIN	77	79	79	72	72	76	72	71	71	71	71	67	75	77	77	73	73	77	77	78	78	76	77	75	76	75	75	73	72	77	74	74.6
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																
WESTERN PACIFIC ISL, NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	85	84	84	85	86	84	84	84	80	86	85	82	82	82	82	84	83	83	84	82	81	84	83	84	84	80	81	84	84	82	84	83.3
	MIN	79	74	75	74	77	78	78	76	74	75	77	73	74	75	75	77	78	77	75	76	73	74	75	78	76	72	76	77	77	76	77	75.7
CLARK AFB LUZON	MAX	90	86	91	91	88	84	90	86	88	90	88	90	90	91	90	88	86	84	86	84	79	82	81	84	86	88	82	84	86	84	90	86.7
	MIN	75	73	77	77	73	73	75	75	73	72	75	77	75	79	77	73	75	75	73	75	73	75	75	73	73	75	73	73	73	75	73	74.5
GUAM NAS	MAX	87	88	87	89	89	90	88	88	85	88	88	85	85	86	85	86	87	86	85	85	82	88	86	87	88	82	85	86	86	84	86	86.4
	MIN	79	76	75	77	78	78	77	77	77	77	77	75	76	76	76	77	77	75	78	78	77	76	77	77	77	75	78	78	78	77	78	76.9
GUAM WSO	MAX	87	87	87	88	88	88	88	88	83	87	87	86	86	86	85	85	86	85	87	85	83	86	86	86	87	83	84	87	87	85	87	86.1
	MIN	74	73	72	73	72	70	73	71	71	74	74	72	70	73	73	73	75	74	75	75	73	74	73	72	75	71	75	74	72	70	70	72.6
SAIPAN USCG LORAN	MAX	87	89	89	88	88	90	89	89	89	88	89	89	88	87	88	86	89	88	88	88	88	85	88	88	89	88	89	84	88	90	90	88.2
	MIN	80	76	75	75	70	70	75	74	74	74	74	70	74	75	78	70	70	76	78	74	70	77	77	76	79	74	73	74	77	72		74.4
WAKE WSO AP	MAX	90	89	89	78	84	80	88	88	88	89	87	88	88	89	87	88	87	87	89	90	88	88	90	86	85	88	84	84	90	89	89	87.2
	MIN	77	76	75	71	70	71	74	74	75	74	75	73	75	76	74	72	73	77	77	78	75	75	74	73	75	75	75	76	77	78	77	74.7
* * *																																	
CAROLINE AND MARSHALL ISLANDS																															
ENIWETOK	MAX	88	87	88	88		87	89	89	89	87	86	88	90	85	86	85	93	87		86		88	88	86		89		91	91	87	89	88.0
	MIN	74	76	71	77		76	76	77		75	76	76	73			70		77	72	76	76	76		76	70	77		74	70	77	71	74.5
FALALOP I, ULITHI	MAX	83	86	86	87	88	87	87	89	87	89	88	89	89	88	87	87	87	87	88	87	87	87	85	85	86	89	87	87	82	85	84	86.8
	MIN	79	79	80	82	80	82	82	81	79	82	82	80	85	79	80	79	75	80	79	81	79	77	79	82	79	76	82	82	81	79	82	80.1
KAPINGAMARANGI ATOLL	MAX	92	90	90	92	90	91	91	89	90	90	91	90	92	87	89	88	89	87	84	90	87	86	88	92	89	88	88	89	90	86	87	89.1
	MIN	78	77	75	79	76	77	76	78	79	77	78	78	78	77	77	74	75	76	73	81	74	75	80	78	77	76	77		81	77	77	77.0
KOROR WSO	MAX	90	90	90	88	90	91	84	89	89	90	87	89	90	90	89	88	89	89	91	90	89	85	90	90	85	89	85	90	88	89	91	88.8
	MIN	78	75	77	74	78	75	74	76	77	76	75	76	76	76	78	75	75	76	77	78	74	76	77	76	74	75	74	78	77	77	79	76.1
KWAJALEIN WSO AP	MAX	83	87	87	87	88	86	87	87	85	84	87	87	86	86	86	87	87	87	88	87	87	85	86	87	86	86	87	88	87	84	88	86.4
	MIN	76	79	80	78	78	76	76	77	78	75	78	79	77	79	75	75	78	79	74	77	78	76	78	77	79	79	80	76	77	76	79	77.4
LELE I. KUSAIE	MAX	90	87	85	79	86	89	88	89	89	90	90	90	87		87	87	82	81		88	89	90	90	89	88	89	87	84	87	89	87	87.3
	MIN	76	72	71		72	74	75	73	75	77	74	77	73		73	73				76	76	75	74	77	77	73	73	70	72	75	74	74.1
MAJURO WSO AP	MAX	84	85	83	87	84	85	85	86	85	86	84	85	86	86	86	85	85	85	83	84	86	82	86	84	86	85	86	86	84	82	86	84.9
	MIN	76	79	78	79	75	77	74	78	75	78	76	77	78	76	74	75	77	76	75	78	76	74	79	76	77	76	79	79	77	74	76	76.6
METALANIM	MAX	85	87	80	91	86	87	89	82	88	88	89	87	88	88	87	87	88	89	87	87	88	84	89	88	89	88	83	88	81	88	88	86.9
	MIN	79	70	71	70	74	74	74	71	73	73	74	76	75	75	71	72	76	77	75	74	75	78	78	78	76	72	74	73	71		76	74.2
PONAPE WSO	MAX	91	88	91	89	88	90	83	87	87	90	88	90	86	88	88	88	89	87	87	90	85	88	89	90	90	81	87	80	90	90	86	87.8
	MIN	74	75	76	74	75	74	73	73	73	73	74	75	74	74	72	73	77	75	75	74	74	74	72	74	74	74	74	72	73	76	74	74.0
TRUK, MOEN I, WSO AP	MAX	89	90	85	87	86	89	88	86	88	89	89	85	88	91	84	88	86	88	85	89	87	88	89	88	88	89	87	88	88	88	88	87.6
	MIN	76	75	74	76	74	76	74	75	78	80	74	76	77	77	74	78	78	75	76	74	78	76	77	78	77	73	75	76	75	73	77	75.9
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	86	87	87	89	87	88	88	87	87	89	87	88	88	88	88	88	88	90	89	90	87	86	85	88	87	88	87	86	85	88	89	87.6
	MIN	74	73	75	72	76	76	76	74	74	74	74	75	76	74	74	77	76	76	72	72	75	76	73	76	75	71	75	74	72	74	74	74.4
	MAX																																
	MIN																																
	MAX																																
	MIN																																
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	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	20	E	20+	-	80	79	94	1	10	12	2	1	0	26	43	-
HILO, HAWAII, WSO AP	6	0.4	6.2	17	E	23+	90	85	67	85	2	14	12	1	0	0	29	45	7.1
HONOLULU, OAHU, WSO AP	6	12.6	13.6	30	NE	06	70	65	49	65	14	11	0	0	0	0	25	60	6.5
JOHNSTON ISLAND WSO AP	9	15.3	15.8	30	E	27+	77	78	71	76	11	11	1	0	0	0	23	68	7.1
KAHULUI, MAUI, WSO AP	5	13.4	14.7	30	NE	25	74	65	51	67	6	1	0	0	0	0	7	70	5.4
KOROR WSO AP	-	-	-	17	NW	22+	85	-	79	76	0	7	9	5	2	1	24	64	8.5
KWAJALEIN WSO AP	8	11.6	12.5	31++	9	09	84	84	78	79	4	10	10	6	0	0	30	-	8.5
LIHUE, KAUAI, WSO AP	5	12.2	12.8	26	NE	01	81	75	65	76	7	14	5	0	0	0	26	61	6.6
MAJURO WSO AP	-	-	-	31	E	09	83	84	77	80	4	3	12	5	3	1	28	71	8.5
PAGO PAGO WSO AP	10	9.4	11.7	32	NE	26	84	87	75	81	4	12	6	4	0	1	27	69	6.7
PONAPE WSO AP	-	-	-	32	NE	04	89	-	77	76	3	5	10	6	6	1	31	50	8.8
TRUK, MOEN I, WSO AP	-	-	-	26	E	07	85	-	77	75	0	10	7	5	2	2	26	51	9.6
WAKE WSO AP	8	11.4	12.7	29	E	21	83	86	69	75	1	15	5	6	1	0	28	40	7.5
YAP WSO AP	-	-	-	26	SE	04	88	-	76	75	3	7	8	4	0	0	22	64	8.5

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.51	.46	.40	.40	.52	.35	.35	.45	.30	.48	.29	.39	.40	.36	.21	.42	.36	.40	.38	.29	.37	.27	.29	.25	.20	.43	.48	.51	.45	.32	.39	11.68
	WIND	268	179	189	218	212	234	286	182	149	121	116	141	162	208	190	214	243	227	208	230	215	161	157	91	177	256	238	231	251	211	188	6153
	MAX	86	89	90	87	89	90	86	86	90	90	91	88	84	87	88	89	87	86	87	84	86	86	86	88	81	88	87	88	88	88	83	87.2
	MIN	67	67	68	68	70	69	68	68	68	69	67	67	70	64	68	68	68	68	67	69	69	70	70	70	71	72	71	68	68	68	67	68.5
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.33	.46	.22	.35	.33	.36	.44	.43	.39	.37	.44	.30	.39	.45	.38	.41	.35	.35	.40	.34	.15	.30	.22	.20	.23	.52	.34	.45	.36	.45	.45	11.16
	WIND	52	38	32	37	42	56	57	46	35	51	53	33	36	44	35	43	43	41	44	36	39	30	36	23	41	66	39	40	41	36	39	1284
	MAX	95	94	88	93	95	94	95	95	97	95	95	96	94	96	93	95	94	93	91	89	90	90	85	89	85	95	89	94	96	93	95	92.8
	MIN	72	69	70	70	70	69	70	71	70	69	68	69	71	70	70	70	71	70	69	71	70	70	71	73	72	67	69	68	69	70	69	69.9

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.33	.43	.44	.41	.40	.36	.36	.31	.31	.38	.32	.32	.38	.40	.43	.41	.43	.43	.33	.39	.32	.34	.38	.27	.27	.48	.29	.48	.39	.39	.31	11.49
	WIND	167	212	233	219	185	198	228	212	158	189	167	167	201	211	233	225	261	255	243	194	223	196	193	192	217	276	245	171	221	220	157	6439
	MAX	95	91	91	92	91	91	92	87	87	93	92	93	92	90	89	90	89	89	87	88	91	93	91	89	90	90	91	94	90	91	90	90.6
	MIN	75	75	72	72	73	72	74	74	74	73	75	76	75	75	75	75	74	74	74	73	74	75	74	74	75	76	75	73	75	74	74	74.2
* * * WESTERN PACIFIC ISLS NORTH OF 12 N																																	
GUAM WSO	EVAP	.24	.26	.12	.26	.28	.29	.12	.21	.09	.20	.20	.09	.07	.11	.12	.14	.16	.12	.12	.15	.18	.18	.13	.18	.15	.03	.05	.15	.10	.08	.21	4.79
	WIND	91	63	61	46	56	41	26	32	34	72	64	45	18	27	36	70	45	42	73	100	81	75	62	68	53	30	78	48	18	17	56	1628
	MAX	93	95	93	94	96	97	94	94	90	93	92	88	93	92	88	91	91	92	87	89	84	91	90	95	94	83	89	95	88	88	93	91.4
	MIN	74	74	72	73	73	74	74	75	75	74	74	73	73	75	76	74	75	74	74	74	73	73	74	74	75	73	73	74	75	72	73	73.8

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1055		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO PES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7	3056	01	OAHU	1	21 19	157 41	1200				C	NATIONAL WEATHER SERV.
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5 A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2 A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803 A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA 8 E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CURELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FLD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343 A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4936	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID			NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
¤ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
¤CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUD DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 11/29/73-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ¤ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

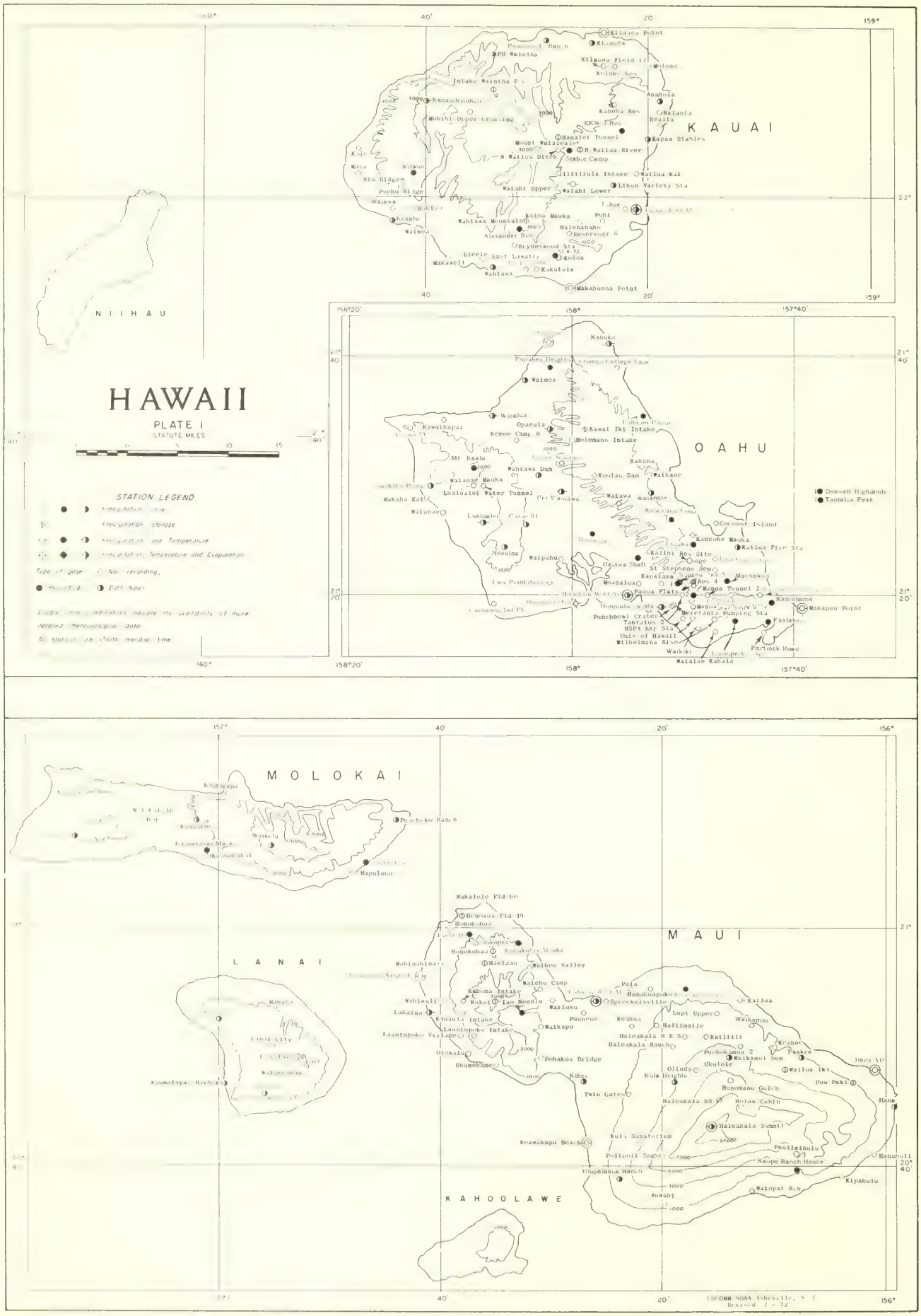
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

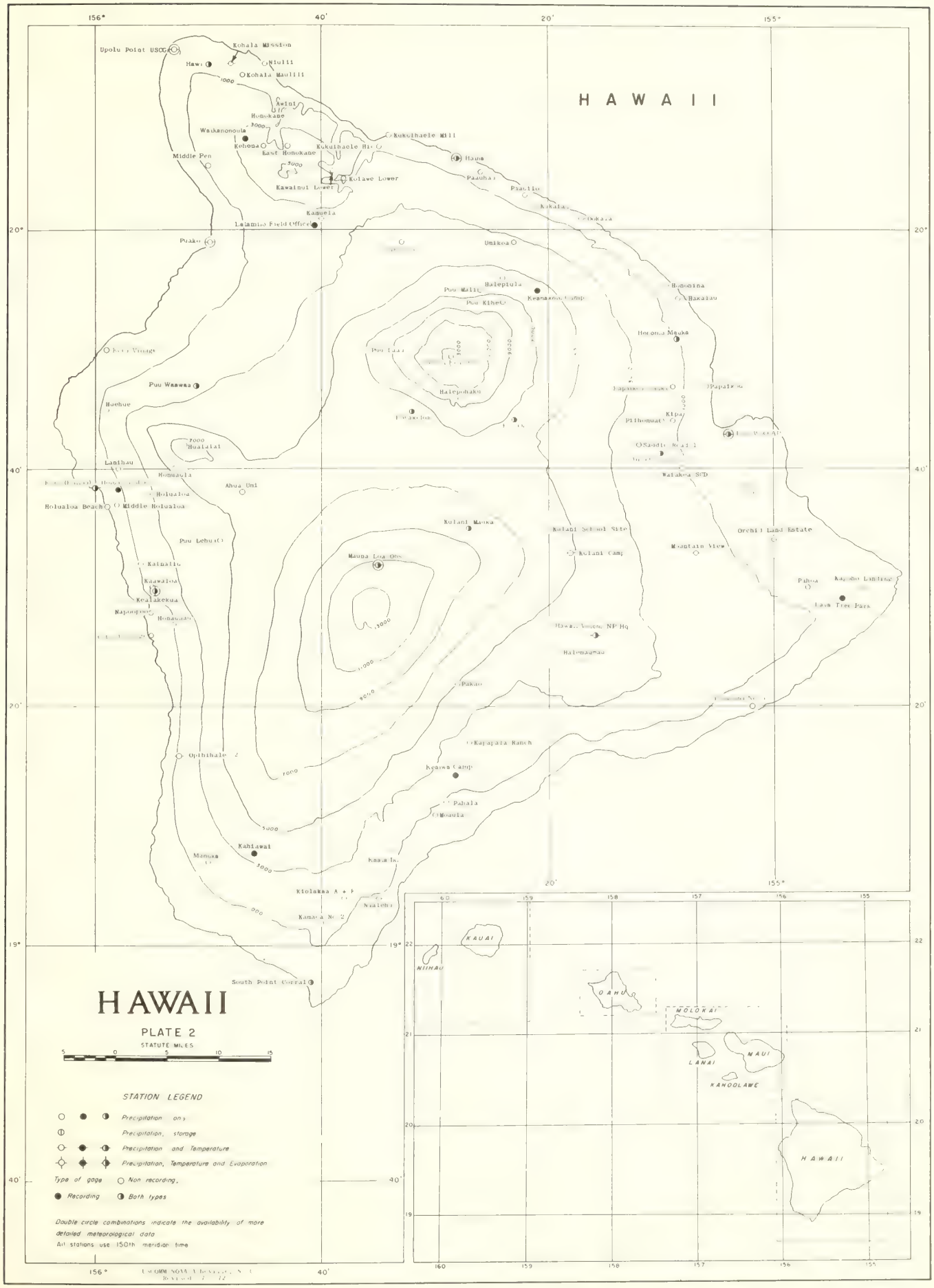
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

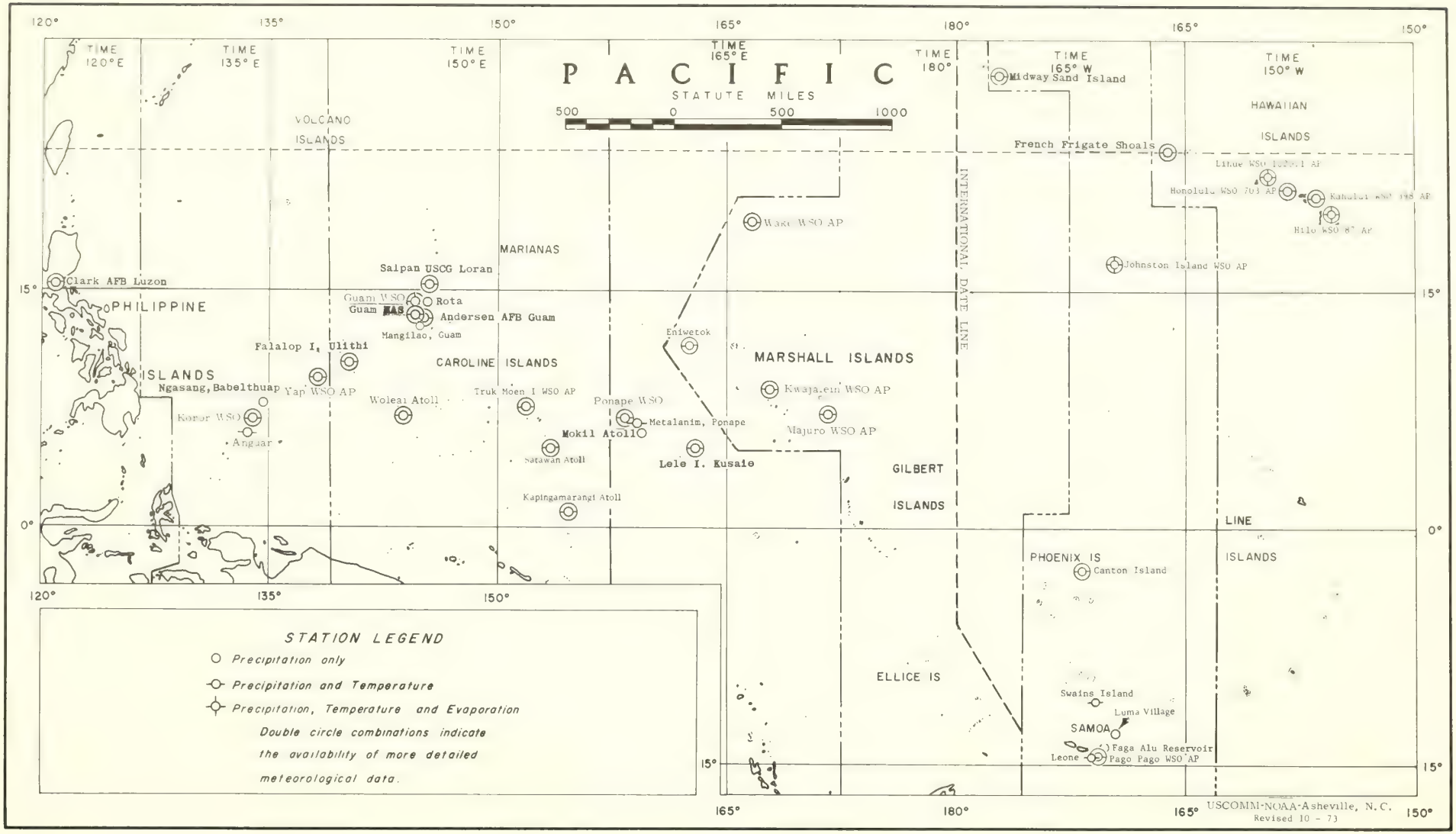
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

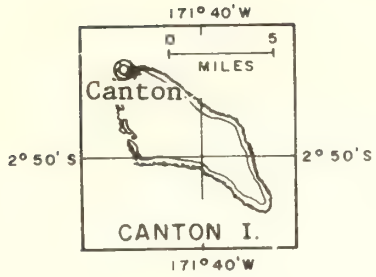
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

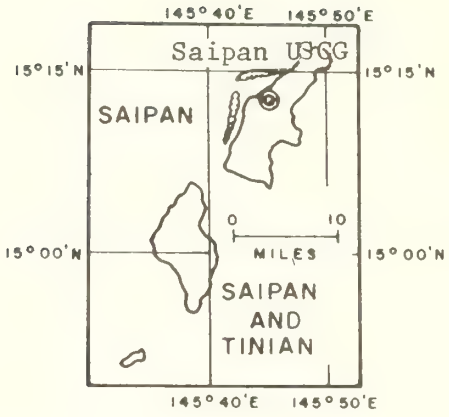
William H. Haggard
Director, National Climatic Center

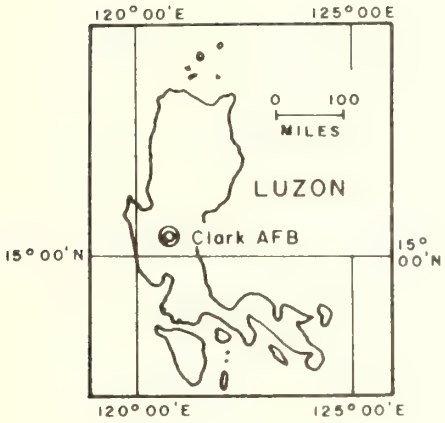

HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
Precipitation storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage: N Non-recording,
Both types
Latitude and longitudes indicate the approximate location of more detailed meteorological data
All stations use 150th meridian time
NIIHAU
KAUAI
Kilauea Point
Kilauea
Kilauea Field 17
Koloa
Anahola
Kanaehaunui
Kanaeha Res
Waiaula
Kealia
Mohihi Upper Crossing
EKW 1 Res
Hanalei Tunnel
Kapaa Stables
Mount Waialealeale
N Wailua River
N Wailua Ditch
Stable Camp
Kalihiwai
Kilauea
Kapaa
Kilauea
Kapaa
Kalihiwai
Kapaa
Kilauea
Kapaa
Kilauea
Kapaa
Kilauea

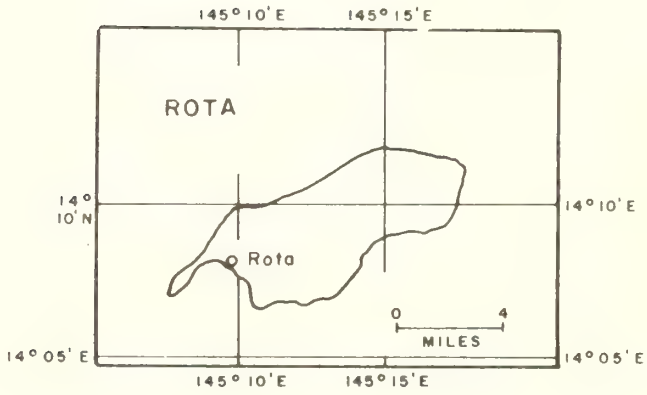

HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Mauliii
Awini
Honokane
Waikanonoula
Kehena
East Honokane
Kukuihaele Mill
Kukuihaele Hi
Middle Pen
Hana
Kawainui Lower
Kolawe Lower
Paauhau
Paauilo
Kukaiau
Ookala
Kamuela
Lalamilo Field Office
Puako
Umikoa
Puu Mali
Haleplula
Keamakolu Camp
Honohina
Hakalau
Puu Kihe
Puu Lua
Horoma Mauka
Kawaihae Village
Puu Waawaa
Huehue
Halepohaku
Papaikou
Pithonuai
Kipa
Saddle Road 1
Waikoloa SCD
Hualalai
Lanihau
Honuaula
Holualoa
Holualoa Beach
Middle Holualoa
Ahua Umi
Kulani Mauka
Kulani School Site
Orchid Land Estate
Mountain View
Kulani Camp
Puu Lehua
Mauna Loa Obs
Kainaliu
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Pahoa
Kapoho Landing
Lava Tree Park
Hawaii Volcanoes NP Hq
Halemaumau
Puhimau
Opihihale
Kaiapata Ranch
Keauwa Camp
Pahala
Moauia
Kahiawai
Manuka
Kaaaia
Kiolakaa A + F
Kaalehu
Kamaoa No 2
South Point Corral
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non recording
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time

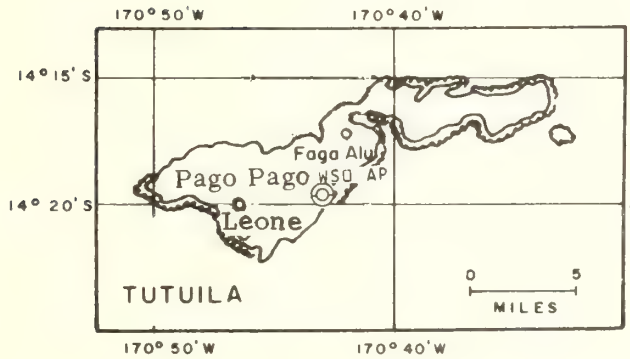

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
PHILIPPINE ISLANDS
CAROLINE ISLANDS
MARSHALL ISLANDS
GILBERT ISLANDS
ELLICE IS
PHOENIX IS
HAWAIIAN ISLANDS
LINE ISLANDS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 348 AP
Hilo WSO 87 AP
Johnston Island WSO AP
Wake WSO AP
Salpan USCG Loran
Clark AFB Luzon
Guam WSO
Guam AAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Yap WSO AP
Ngasang, Babelthuap
Koror WSO
Angaar
Woleai Atoll
Truk Moen I WSO AP
Satawan Atoll
Mokil Atoll
Ponape WSO
Metalanim, Ponape
Kapingamarangi Atoll
Eniwetok
Lele I. Kusaie
Kwajalein WSO AP
Majuro WSO AP
Canton Island
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120°
135°
150°
165°
180°
15°
0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

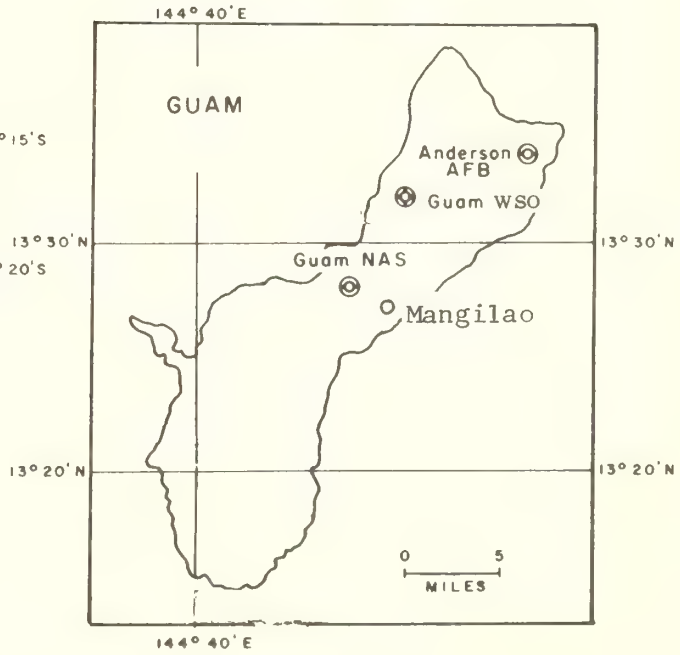

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

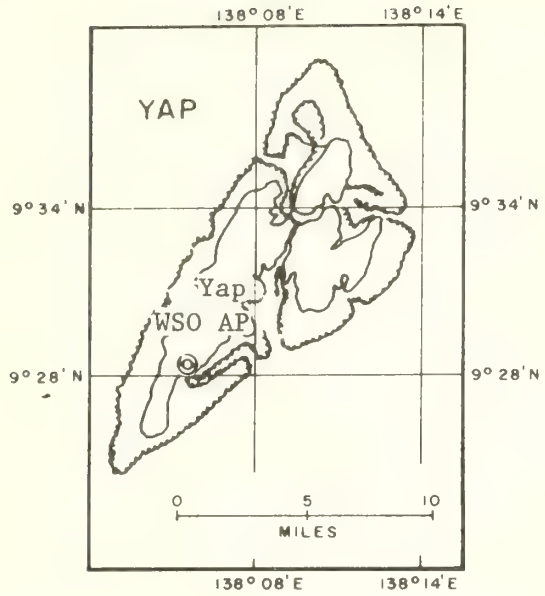

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

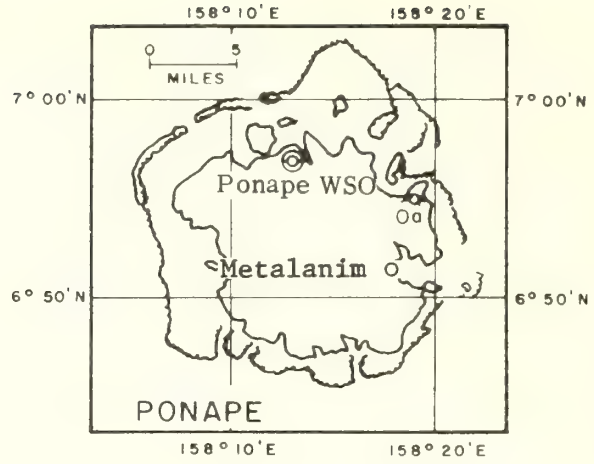

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

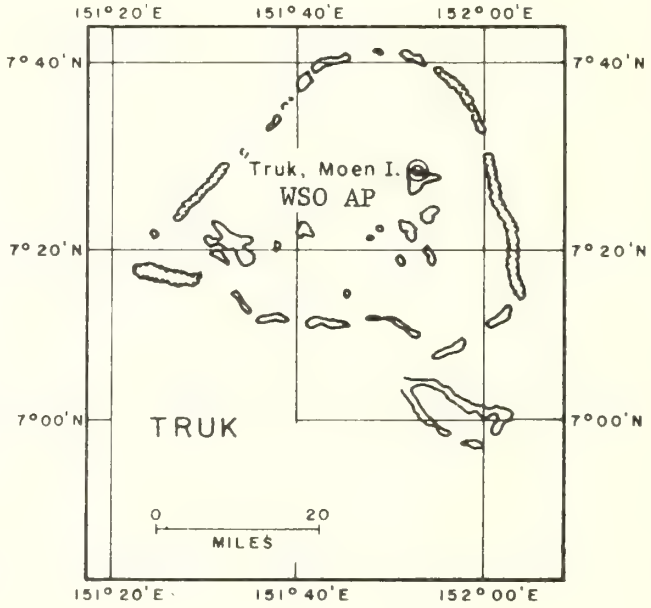

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

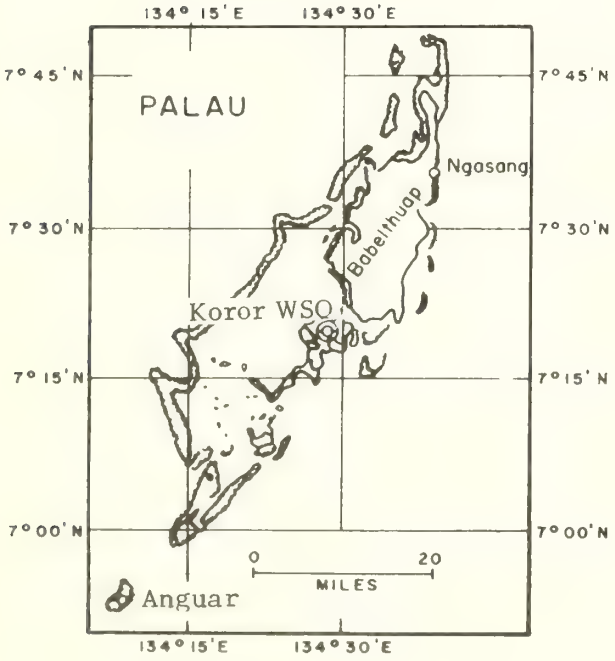

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

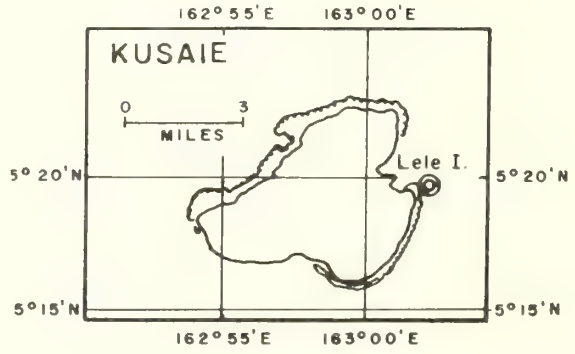
Reef


138° 08'E
138° 14'E
YAP
9° 34'N
9° 28'N
Yap
WSO AP
0
5
10
MILES

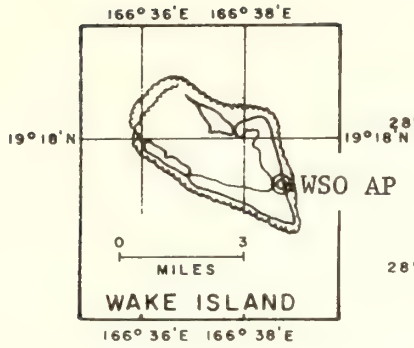

158° 10'E
158° 20'E
0
5
MILES
7° 00'N
6° 50'N
Ponape WSO
Oa
Metalanim
PONAPE

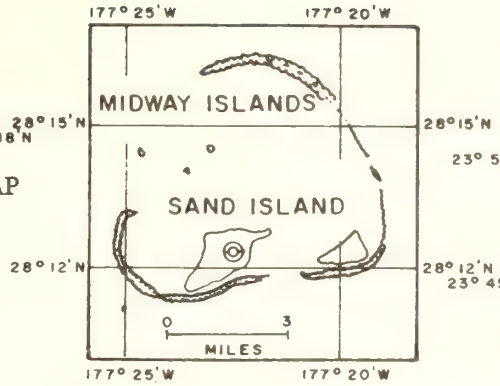

151° 20'E
151° 40'E
152° 00'E
7° 40'N
7° 20'N
7° 00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

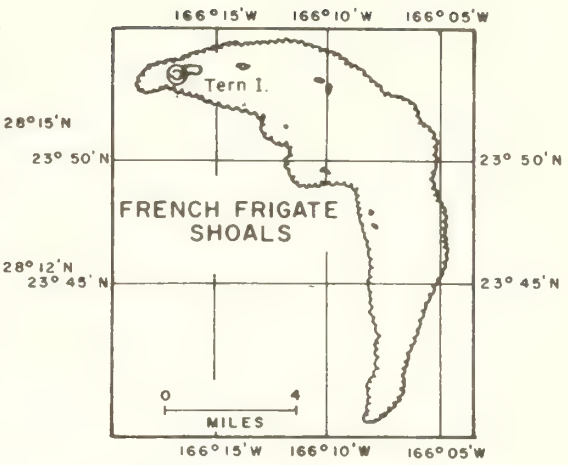

134° 15'E
134° 30'E
7° 45'N
7° 30'N
7° 15'N
7° 00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

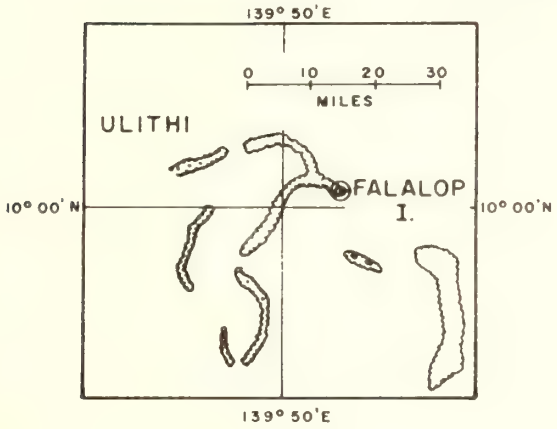

162° 55'E
163° 00'E
KUSAIE
0
3
MILES
5° 20'N
5° 15'N
Lele I.

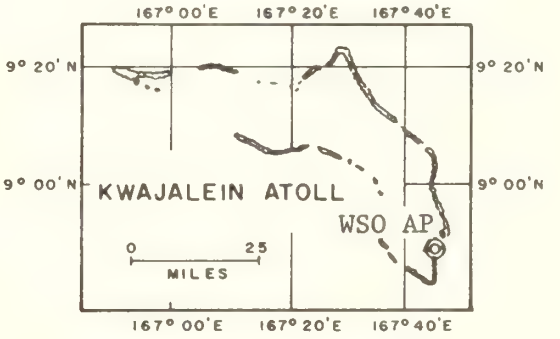
— Reef

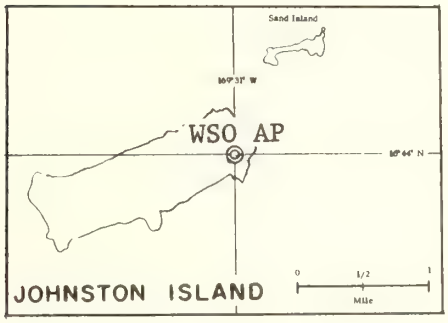

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

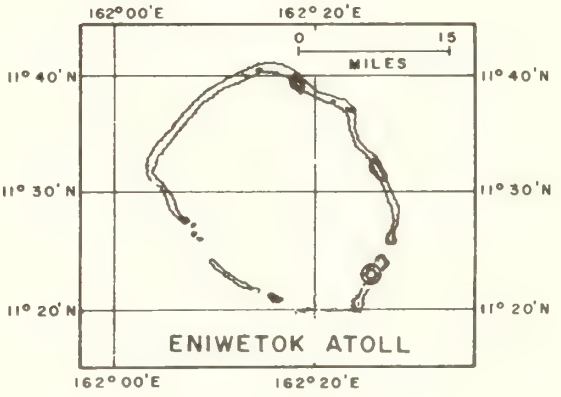

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

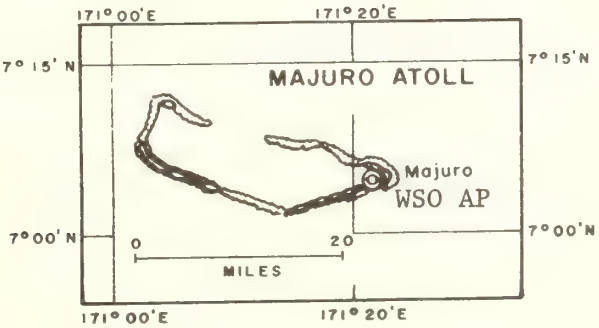

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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Environmental Data Service

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TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
94° ON THE 4TH AT KEAWAKAPU BEACH 260.2, MAUI

LOWEST TEMPERATURE:
35° ON THE 19+ AT 2 STATIONS

GREATEST TOTAL PRECIPITATION:
24.87 INCHES AT MOUNT WAIALEALE 1047, KAUAI

LEAST TOTAL PRECIPITATION:
.00 INCHES AT 14 STATIONS

GREATEST ONE-DAY PRECIPITATION:
4.90 INCHES ON THE 14TH AT KEAAU 92, HAWAII

'EMBER
1973
olume 69
No. 9
ıeville, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation								
										No. of Days								Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Min. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														2.36	.23			.0	0				
KANALOHULUHULU 1075		73.0	53.7	63.4		78	27+	47	13+		0	0	0	0	1.49		.27	4	.0	0		5	0	0
KAPAA STABLES 1104	A														2.47				.0	0				0
KILAUEA FIE D 17 1135	A																							
KILAUEA POINT 1133		83.3	70.3	76.8		85	28+	69	30+		0	0	0	0	3.04		.65	17	.0	0		8	2	0
KOLOA 936	A														3.26	- 1.12			.0	0				0
LIHUE WSO 1020.1 AP	//R	84.9	72.9	78.9	.8	87	6+	70	13+		0	0	0	0	1.77	- .31	.43	18	.0	0		6	0	0
MANA 1026		88.3	67.2	77.8	- .1	89	30+	63	15		0	0	0	0	.03	- .76	.03	26	.0	0		0	0	0
N WAILUA DITCH 1051	A														8.07				.0	0				
PH WAINIHA 1115															3.92	- 2.15	1.00	18	.0	0				1
PUEHU RIDGE 1040															.21		.11	13	.0	0		2	0	0
WAHIAWA 930	A														1.10	- .61	.34	25	.0	0			0	0
WAIAHI LOWER 1054		82.9	65.3	74.1		85	28+	62	16+		0	0	0	0	7.02		1.12	18	.0	0		16	4	1
WAIMEA 947															.00	- .66	.00		.0	0		0	0	0
ISLAND				74.2											2.67				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		84.0	65.6	74.8		85	29+	63	26+		0	0	0	0	2.11		.70	6	.0	0		9	1	0
HONOLULU OBSERV 702.2															.29		.15	29	.0	0		1	0	0
HONOLULU WSO 703 AP	R	88.6	73.3	81.0	1.8	91	23	68	13		3	0	0	0	.64	- .35	.37	29	.0	0		2	0	0
KANEOHE MAUKA 781		83.3	71.3	77.3	.5	85	10+	69	18+		0	0	0	0	3.50	- .31	.83	28	.0	0		11	1	0
KOOLAU DAM 833	E														6.57	.33	.78	7	.0	0		17	4	0
LUALUALEI 804	A	88.8	71.6	80.2		92	16+	64	20		14	0	0	0	.32				.0	0			0	0
MAKAPUU POINT 724		80.3M	70.3M	75.3M		83	26	66	30+		0	0	0	0	.59	- .12	.12	6	.0	0		2	0	0
NUUANU RES 4 783															4.94	- 3.59	1.30	29	.0	0		12	4	1
OPAEULA 870	A	84.4	65.6	75.0	1.8	88	17+	63	20+		0	0	0	0	.75	- 1.69			.0	0			0	0
PALOLO VALLEY 718	R														6.22	- 2.21	1.04	13	.0	0		13	4	1
PRI WAHIAWA 820.2	A	84.8	65.4	75.1		88	27+	62	20		0	0	0	0	1.25				.0	0			0	0
WAHIAWA DAM 863	A														.72				.0	0			0	0
WAIAHOLE 837	A														6.39	- 3.40			.0	0				
WAIALEE 896.3		85.7M	71.1M	78.4M		87	27+	67	19		0	0	0	0	2.33		.42	29	.0	0			0	0
WAIALUA 847	A	86.5	65.4	76.0	- .3	90	26	62	26+		1	0	0	0	.66	- .13	.16	5	.0	0		3	0	0
WAIKIKI 717.2		86.8	69.8	78.3		88	27+	65	20		0	0	0	0	.37		.09	30	.0	0		0	0	0
WAIMANALO EXP FARM		85.8	72.6	79.2		87	30+	70	29+		0	0	0	0	1.17		.34	29	.0	0		4	0	0
WAIPAHU 750	A														.29	- .79	.17	6	.0	0			0	0
ISLAND				77.3											2.17				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														1.39	.61	.52	5	.0	0			1	0
MAPULEHU 542																								
MAUNALOA 511	A														1.45	.34	1.03	28	.0	0			1	1
MOLOKAI AP 524		87.8	69.3	78.6		92	26+	65	11		4	0	0	0	1.04		.28	6	.0	0		4	0	0
ISLAND				78.6											1.29				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	76.9M	65.4M	71.2M	- .3	81	26	60	15		0	0	0	0	1.44	- .83			.0	0				0
ISLAND				71.2											1.44				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														.93	- 1.37	.40	29	.0	0		2	0	0
HALEAKALA RS 338		65.3	44.9	55.1		70	26+	37	17		0	0	0	0	1.44		.77	14	.0	0		3	1	0
HANA AIRPORT 355		83.4M	69.0M	76.2M		87	20+	65	19		0	0	0	0	4.17		.65	14	.0	0		15	2	0
HONOKOHUA 493	A														1.67	- .01			.0	0			0	0
KAANAPALI AIRPORT		84.7	70.0	77.4		86	23+	65	13		0	0	0	0	.05		.02	16+	.0	0		0	0	0
KAHULUI WSO 398 AP	R	86.6	68.8	77.7	- .7	89	14	62	19+		0	0	0	0	.04	- .21	.01	22+	.0	0		0	0	0
KAILUA 446		M	M	M		81	17	65	19+		0	0	0	0	6.92	- .58			.0	0				
KEANAE 346	A														8.10	- 4.13			.0	0				
KIPAHULU 258															3.57	- 3.28	1.11	14	.0	0		6	2	2
KULA SANATORIUM 267		74.6	58.5	66.6	.1	79	10	56	1		0	0	0	0	3.86	1.89	1.92	14	.0	0		5	2	2
LAHAINA 361		88.0	68.6	78.3		90	26+	65	16+		2	0	0	0	.00	- .29	.00		.0	0		0	0	0
PAIA 406															.34	- .94	.06	22+	.0	0		0	0	0
WAILUKU 386	A	M	M	M		85	10	69	13+		0	0	0	0	.27	- .33			.0	0		0	0	0
ISLAND				71.9											2.41				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		82.7	68.0	75.4	.9	84	28+	63	7		0	0	0	0	2.14	- .15	.41	14	.0	0		6	0	0
HAWAII VOLCNS NP HQ 54		70.8M	53.8M	62.3M	- 1.0	75	20	48	30		0	0	0	0	6.94	1.85	2.83	14	.0	0		10	3	2
HILO WSO 87 AP	R	84.2	68.3	76.3	.8	87	24+	64	19+		0	0	0	0	8.07	- .43	2.76	13	.0	0		13	4	3
HUEHUE 92.1	A														.50	- 2.73			.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature													Precipitation									
										No. of Days									Snow Sleet			No. of Days		
										Max.		Min.												
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		78.9	63.6	71.3		82	24+	60	19		0	0	0	0	6.48	- 1.12	1.10	28	.0	0		15	5	1
KEAAU 92		81.7	65.5	73.6	- 1.3	85	20	63	20+		0	0	0	0	9.90	.85	4.90	14	.0	0		15	4	2
KEALAKEKUA 26.2		79.8M	63.1M	71.5M		85	23	61	29+		0	0	0	0	6.90		2.05	28	.0	0		13	4	2
KONA (KAILUA) 68.3	A	M	M	M		89	24	67	28		0	0	0	0	1.84		.63	26	.0	0			1	0
KUKUIHAELE HIC 199															3.39	.60	.70	30	.0	0		4	3	0
KULANI CAMP 79		65.6	48.8	57.2		76	15	42	19		0	0	0	0	5.55		2.49	14	.0	0		8	2	2
PAHALA 21	A	M	M	M		87	14	60	28		0	0	0	0	6.20	3.67	4.25	14	.0	0		8	1	1
POHAKULOA 107	A														1.41				.0	0				0
PUAKO 95.1	A	86.2	71.4	78.8		88	23+	66	28		0	0	0	0	.14		.10	28	.0	0		1	0	0
PUU WAAWAA 94.1	A														.92	- 1.41			.0	0			0	0
UMIKOA 118																								
WAIAKEA SCD 88.2															10.96		3.27	14	.0	0		16	5	4
ISLAND				70.8											4.76				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature								No. of Days				Precipitation				Snow, Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Min. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND	R	89.6	76.2	82.9	- .7	93	14	72	30		18	0	0	0	.79	- .45	.38	3	.0	0		3	0	0
FAGA ALU RESERVOIR															7.13		2.40	22	.0	0		14	M	1
JOHNSTON WSO AP	R	83.5	76.7	80.1	- 1.5	86	24	71	30		0	0	0	0	3.44	1.09	1.96	13	.0	0		9	1	1
LEONE		88.5	72.5	80.5		91	14	70	16+		6	0	0	0	8.21		2.00	3	.0	0		15	7	1
FRENCH FRIGATE SHOALS		88.2	74.0M	81.1M		91	27+				3	0	0	0	.34		.10	28	.0	0		1	0	0
LUMA VILLAGE															7.80		1.62	23	.0	0		17	5	2
MIDWAY SAND ISLAND		83.4	72.9	78.2		87	17	66	6		0	0	0	0	2.85		.92	10	.0	0		11	1	0
PAGO PAGO WSO AP	R	85.5	75.1	80.3		87	27+	69	15		0	0	0	0	5.15		.68	10	.0	0		12	5	0
SWAINS ISLAND																								
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.4	77.3	80.9		88	12	72	8		0	0	0	0	10.90		1.68	5	.0	0		17	7	5
CLARK AFB LUZON		88.5	74.9	81.7		97	27	72	30+		15	0	0	0	6.96		1.10	27	.0	0		17	5	1
GUAM NAS		86.2	77.5	81.9		88	20+	75	8		0	0	0	0	8.08		.91	24	.0	0		20	6	0
GUAM WSO	R	86.1	72.6	79.4	.1	87	30+	70	26+		0	0	0	0	9.05	- 4.31	1.06	5	.0	0		20	7	1
MANGILAO															10.08		1.72	11	.0	0		23	5	2
ROTA															15.10		2.00	12+	.0	0		17	10	8
SAIPAN USCG LORAN		88.0M	74.3M	81.2M		90	23+	70	1		4	0	0	0	7.22		1.33	19	.0	0		15	4	2
WAKE WSO AP	R	88.2	76.1	82.2	- .3	91	1	71	22		4	0	0	0	3.12	- 2.12	1.41	22	.0	0		8	1	1
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															20.87		2.76	30+	.0	0		19	14	6
ENIWETOK		88.0M	75.6M	81.8M	- 1.5	89	28+	72	12+		0	0	0	0	6.35	.11	1.49	23	.0	0		16	3	1
FALALOP I, ULITHI		85.9M	79.4M	82.7M		88	6+	73	30		0	0	0	0	9.41		1.65	20	.0	0		17	6	3
KAPINGAMARANGI ATOLL		87.7	76.1M	81.9M		90	24	72	30		1	0	0	0	2.54		.84	9	.0	0		5	2	0
KOROR WSO	R	88.7	75.7	82.2	1.2	91	27+	74	19+		14	0	0	0	12.18	- 2.15	1.24	9	.0	0		17	11	4
KWAJALEIN WSO AP	R	86.4	77.4	81.9	.0	88	30+	73	29		0	0	0	0	8.33	- 1.86	1.66	29	.0	0		17	7	1
LELE I, KUSAIE																								
MAJURO WSO AP	R	84.6	75.7	80.2	- .2	86	29+	73	28+		0	0	0	0	12.78	.72	2.36	7	.0	0		20	9	5
METALANIM		86.9		M		89	17+				0	0	0	0	19.45		2.97	6	.0	0		25	12	6
MOKIL ATOLL																								
NGASANG, BABELTHUAP															7.42		2.11	8	.0	0				1
PONAPE WSO	R	87.8	73.3	80.6	1.1	91	24	71	19+		9	0	0	0	18.15	2.34	2.53	6	.0	0		22	15	8
SATAWAN ATOLL																								
TRUK, MOEN I, WSO AP	R	87.7	75.6	81.7	1.3	90	13	68	20		1	0	0	0	11.34	- 1.24	2.18	20	.0	0		19	7	4
WOLEAI ATOLL																								
YAP WSO AP	R	86.7	74.5	80.6	- .8	89	28+	72	30+		0	0	0	0	17.64	3.63	3.26	15	.0	0		19	14	5

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
• • •																																
ISLAND OF KAUAI																																
ANAHOLA 1114	A	2.36	*	*	*	.19	.04			*	*	.13		.45	.02	.30	*	*	.26	.30	.07	.11	.03	*	*	.34			.12		*	*	
BRYDESWOOD STA 985	A	2.20	*	*	*	.35	.09		.04	*	*	.10		.04		.03	*	*	.61	.15	.10	.15	T	*	*	.46	.08		T		*	*	
EAST LAWAI 934	A	2.67	*	*	*	.64	.06		.04	*	*	.02		T		.02	*	*	.59	.39	.05	.13		*	*	.46	.26		.01		*	*	
ELEELE 927	A	.60	*	*	*	.10	.06		.02								*	*	.14	.05	.05	.03		*	*	.08	.07				*	*	
HALAULA 1110	A	1.86	*	*	*	.30	.10			*	*	.09		.15	.02	.29	*	*	.15	.15	.05	.28	.01	*	*	.17			.13		*	*	
HALENANAHO 1006	A	3.16	*	*	*	.59	.05		.04				.04	.03	.04	.14	*	*	.58	.34	.07	.25	.05	*	*	.48	.13		.07	.06	*	*	
HUKIPO 945		.00																														
ILILIULA INTAKE 1050	A	6.12	*	*	*	.62	.28		.17	*	*	.08		.03	.08	.81	*	*	.14	.82	.09	.37	.36	*	*	1.73	.39		.15	*	*	
INTAKE WAINIHA PC 1086	A	5.33	*	*	*	2.30	*	*	.66	*	*	*	*	*	*	.34	*	*	.09	*	*	*	1.61	*	*	*	.30	*	*	.03	*	*	
KANALOHULUHULU 1075		1.49	.05	.08	.12	.27	.10	.02	.06			.02			.08	.07	.20		.07	.06	.06	.14	.02		.01	.04	.02			.02	.03	
KANEHA RESERVOIR 1092	A	3.89	*	*	*	.80	.05	.06	.02	*	*	.20	.03	.14	.05	.32	*	*	.38	.25	.23	.21	.05	*	*	.72	.19		.05	.12	*	*	
KAPAA STABLES 1104	A	2.47	*	*	*	.25								.30	.08	.13	*	*	.34	.80	.02	.22	.07	*	*	.08	.03		.09	.10	*	*	
KEALIA 1112	A	1.53	*	*	*	.25	.03			*	*	.03		.13	.02	.20	*	*	.11	.42	.02	.11	.01	*	*	.07			.13	.01	*	*	
KEKAHA 944		.06													.04							.02										
KILAUEA 1134	A	2.66	*	*	*	.33	.11		.08	*	*	.12	.11		.02	.47	*	*	.24	.40	.08	.12		*	*	.35				.24	*	*	
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	.07	-	-	-	-	-	-	.19	.02	.10	.03	.19	-	-	-	.05	.28	.34	.06	
KILAUEA POINT 1133		3.04	.05	.04		.05	.05	.01		.19		.03		.07	.60	.01		.03	.65		.9	.5									.04	
KOLO 1033		.28																														
KOLOA 936	A	3.26	*	*	*	.70	.20	.01	.12	*	*	.10					*	*	.72	.35	.14	.35		*	*	.31	.26				*	*	
KOLOA MAUKA 994	A	4.54	*	*	*	.81	.21	.02	.14	*	*	.03	.04	.05	.03	.09	*	*	.92	.38	.22	.31	.02	*	*	.84	.18	.05	.09	.11	*	*	
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KUKUIULA 935	A	1.56	*	*	*	.55	.16		.03								*	*	.28	.24		.14		*	*	.06	.10				*	*	
LIHUE VARIETY STA	A	3.91	*	*	*	.81	.14		.03	*	*	.05	.02	.02		.76	*	*	.01	.76	.05	.25	.04	*	*	.62	.02	.08	.07	.17	*	*	
LIHUE 1020	A	1.48	*	*	*	.14	.04			*	*	.02	.03	.01	.01	.36	*	*	.01	.33	.03	.30		*	*	.09	.01	.05	.03	.02	*	*	
LIHUE WSO 1020.1 AP	//R	1.77	.07	T	.03	.04	.02		.01	T	T		.16	.01	T	.32		T	.04	.43	.23		T	.04	.02	T		T	.01	.02	.20	.10	
MAKAHUENA POINT 940.1		-	.03	.06	.02	.09	.02	.11	-			.01				.22	.03	.02	.03	.05	.0.	.05			.02	.19	.07		.01			.09	
MAKAWELI 965	A	.25				.01	.01		.02								.10			.02		.02			.01	.02	.03			.01			
MANA 1026		.03																										.03				
MUHIHI UPR CROSS 1083	A	1.95	.15	.08	.22	.30	.08		.08						.08	.22			.15	.08	.15	.07			.07					.15	.07	
MOLOAA 1145	A	2.21	*	*	*	.36	.03	.05	.10	*	*	.14	.12	.06	.05	.56	*	*	.05	.42		.08		*	*	.19					*	*	
MOUNT WAIALEALE 1047	R	24.87	.67	.43	.32	.35	.24	.28	.59	.16	.04		.71	.04	.16	2.60	.08	.24	.67	.39	1.85	3.11	.24	.55	2.52	2.64	.67	.08	.08	1.73	2.13	1.30	
NIU RIDGE 1035		.00																														
N WAILUA DITCH 1051	A	8.07	*	*	*	.81	.20		.23	*	*	.12	.08	.04	.03	.57	*	*	.67	.85	.09	.77	.07	*	*	2.52	.55	.07	.06	.34	*	*	
PW WAINIHA 1115		*	.31	*	*	.23	.18	*	*	*	*	.22	.01	.04		.51	*	*	.19	1.00	.03	.55		*	*	.60	.03				*	*	
PRINCEVILLE RANCH 1117		5.00	*	*	*	.52	.27		.12	*	*	.13	.29	.23		.79	*	*	.02	1.02		.20		*	*	.70	.02		.04	.15	*	.50	
PUEHU RIDGE 1040		.21													.11				.10													
PUHI 1013	A	2.82	*	*	*	.45	.16	.03		*	*	.12	.03	.04	.02	.48	*	*	.48	.31	.06	.21	.03	*	*	.26	.03	.02	.07	.02	*	*	
RESERVOIR 6 1004	A	3.67	*	*	*	.81	.05	.02	.11	*	*	.04	.03	.12	.03	.65	*	*	.21	.31	.04	.30		*	*	.59	.08	.07	.05	.16	*	*	
WAHIAWA 930	A	1.10	*	*	*	.20	.05		.03								*	*	.08	.17	.04	.05		*	*	.11	.34			.03	*	*	
WAIAHI LOWER 1054		7.02	.26	.14	.09	.03	.06	.03	.13	.06		.06		.09	.03	.40	.48		.03	1.12	.11	.83	.13	.16	.31	.94	.28	.05	.02	.17	.52	.49	
WAIAHI UPPER 1052		8.81	.20	.25	.10	.05	.15		.18	.09		.10		.20	.09	.98	.11		.18	1.00	.05	1.10	.25	.30	.35	.99	.58	.03		.11	.65	.72	
WAIAWA 943		.01																				.01										
WAILUA KAI 1065	A	1.73	*	*	*	.18	.02		.39	*	*	.03		.07		.1	*	*	.31	.38	.12	.08	.02	*	*	.14	.02	.09	.05	.02	*	*	
WAIMEA 947		.00																														
WEST LAWAI 931	A	1.48	*	*	*	.36	.05		.06								*	*	.26	.26	.05	.09	T	*	*	.08	.18			.09	*	*	
• • •																																
ISLAND OF OAHU																																
BERETANIA PUMPING STA		.64	*	.06	*	.01	.23	.11	.07						T	T			.01	.02	.01		.03	T					.02		.04	.03	
CAMPBELL IND PK 702.5		.29			.01		T	T	T															T					.18	.10	T	
CAMP 84 807	A	.45	*	*	*	.10	*	.16	*	*	*	.04				.03				*	*	.01	*	*	*	.01			.10	*	*	
CHURCH COLLEGE LAIE		2.11	.13			.13	.12	.70					.04		.04	.02			.10	.12	.04	.02	.01	.01	.02			.10	.04	.15	.32	
COCONUT ISLAND 840.1		1.60		.05		.01	.05	.04			*	.13		.10	.03	.17	.03	.01	.13	.21	.01					.04			.04	.34	.19	.02	
EWA PLANTATION 741		.27	*	*	*	.05		.03	.01							.02				.03											.13	
HELEMANO INTAKE 881	A	1.56	*	*	*	.33	*	.50	*	*	*	*	*	*	*	*	*	*	.23	*	*	.04	*			.18	*	*	.28	*	*	*	
HOKULDA 725.2	A	1.66	*	.12	*	*	*	.24	*	*	*	*	.05	*	*	*	.60	*	.04	*	*	*	.30	*	*	*	*	*	*	*	.26	.05	
HONOLULU OBSERV 702.2		.29			.02		.05	.04	.03											T										.15		
HONOLULU WSO 703 AP	R	.64	T	.04	T	.06	T	.11	T						.05	.01	T	T	T	T				T	T			T	T	.37	T	
HONOLULU SUBSTA 704	R	.50	.03		.01	.15	.07	.08	.03										.05					.02						.02	.04	
H S P A EXP STA 707		.73		.10		.02	.14	.10	.06							.02			.03	.03	.01			.01	.02		.01		.04	.01	.08	.05	
KAENA POINT 841.3		*	*	*	*	*	*	*	*	*	*	.71				.20	*	*	.40												*	*	
KAHANA 883	A	11.36	*	*	*	.84	*	*	*	*	*	1.08	*	*	*	*	*	*	2.24	*	*	*	*	*	*	7.20	*	*	*	*	*	*	
KAHUKU 912	A	1.88					.64	.12					.02			.08			.04			.06				.14	.19				.21	.38	
KAILUA FIRE STA 791.3		1.07	.05	.01		.09		.06		.07		T					.26		.05	.12		.01		.05		.04		.02	.06	.14	.04	
KALIHI RES SITE 777	R	6.10	.02	.54	.20	.28	.08	.26	.04		.02		.04	.06	.42	.30			.18	.28	.26	.26	.04	.08	.70	.12	.02	.10	.74	.06	.84	.14	
KANEOHE MAUKA 781	A	3.50			.15	.10	.18	.07	.02						.02	.35	.01	.01	.08	.32		.01		.13	.01	.23	.01	.03	.20	.83	.47	.20	
KAPALAMA 773	A	2.08	*	*	*	.33	.34						.13			.20	*	*	.10	.02				*	*	.58	.40				*	*	
KAWAIHAPAI 841	A	.29	*	*	*	.10	.05	.09	.01							.01	*	*	.01											.02			
KAWAI IKI INTAKE 880.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.07	*	*	
KEMOO CAMP 8 855	A	.56	*	*	*	.18	.10	.10	.05								*	*	.03	T				*	*	.03				.07			
KOOLAU DAM 833	A	6.57	.06	.25	.02	.29	.58	.31	.78						.03	.25	.01	.25	.22	.45	.26	.08	.20	.64	.45	.04		.09	.14	.35	.62	.20	
LUALUALEI 804	A	.32				.01								.02		.02					*	.26						.01				
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAKAHA KAI 796.1	A	.28		.09	T	T	.03	T							T	.02					.04								.10			
MAKAHA PUMP 800.2	A	.10																														
MAKAPUU POINT 724		.59	.01	.04	.02	.01	.05	.12	.03		.01				.01	.01			.01		.01	.01	.06	.05	.02	.01		.01	.01	.10		
MANOA 712.1		2.00	.05			.07	.53	.17								.06		.02		.08	.08	.10	.06	.13	.13				.20	.10	.18	.20	
MANOA TUNNEL 2 716	R	6.72	.04	.08	.08	.96	.14	.34	.02		.02				.50	.34		.04	.20	.08	.10	.08	.06	.26	.84	.22	.04			.90	.02	.98	.38	
MOANALUA 770		1.14		.13	.02	.04	.25	.08	.14							.14		.04	.02	.02				.05	.01		.02		.07		.11		
NUUANU RES 4 783		4.94		.06	.02	.50		.08							.40	.52		.02	.10	.02	.10	.40	.16	.18	.74	.08	.12		.26		1.30	.08	
NUUANU RESERVOIR #5	A	2.76	*	*	*	.34	*	*	*	*	*	.58	*	*	*	*	*	*	.59	*	*	*	*	*	*	*	.42	*	*	*	*	.83	
OPAEULA 870	A	.75		.04	.06	.06	.10	.06	T								*	*	.18	.01				*	*	.13	.01		T	T	*	.10	
PALI GOLF COURSE 788.1		2.16		.10	.05	.09	.07		.10					.11	.04	.23			.04	.09	.07	.01	.20	.06	.04	.23	.13			.25	.08	.07	.10	
PALOLO VALLEY 718	R	6.22	.04	.06	.02	.74	.06	.14				.02		.12	1.04	.22			.02	.12	.06	.08	.02	.12	.44	.48	.24	.04		.80	.04	.88	.42	
PAUOA FLATS 784	R	7.32	.06	.06	.08	.78	.04	.44	.04					.02	.64	.74			.06	.38	.08	.04	.04	.22	.28	.80	.12	.18	.08	.42	.18	1.24	.32	
PORTLOCK ROAD 724.4		.75		.04			.07	.08	.01					.03	.01				.08						.02				.05		.36		
PRI WAHIAWA 820.2	A	1.25	*	*	*	.30	.15	.14	.38							.05	*	*	.07	.05				*	*	.07				.04	*	*	
PUNCHBOWL CRATER 709	A	1.15		.14	.02	.02	.32	.18	.07							.01			.02	.03	.02	.02			.02	.05		.01	.02	.03	.02	.10	.05	
ST STEPHENS SEM 788		2.99		.01	.01	.04	.24	.02	.05			T		.01	.05	.35	.03		.02	.05	T	.21	.01	.12	.06	.16	T	T	.26	.69	.55	.05	
TANTALUS 2 780.5		4.22	.03	*	*	.33	.67	.25	.45	.01						.29		*	.22	.09	.05	.02		*	.48	.04	.15		.36	.12	.50	.16	
UNIV OF HAWAII 713	A	.67	*	*	*	.14	.24	.05	.10							.01	*	*	.05	T	T			*	*	.05			.03	T	*	*	
UPPER WAHIAWA 874.3		1.86		.22	.01	.04	.24	.14	.18	T								.07	.26	.07	.01			.19	.11	.02			.04	.04	.12	.10	
WAHIAWA DAM 863	A	.72	*	*	*	.20	.05	.10	.10							.07	*	*	.08	.02				*	*	.02				.08			
WAIAHOLE 837	A	6.39	*	*	*	.67	.32	.31	.07	*	*	.02	*	.08	.34	.73	*	*	.08	.33		.02	.20	*	*	1.98	.02		.39	.83	*	*	
WAIALAE KAHALA 715		.49	.01	.08	T	.03	.04	.02	.01							.01	.01			.01	.07			.03	*	.01			.01		.15		
WAIALEE 796.3		2.33	.10	.02	.05	.02	.23	.10	.10	.01					*	.12			.09	.13	.02			.16	.18	.13			.06	.22	.42	.17	
WAIALUA 847	A	.66		.11	.02	.05	.16	T	.02							.03			.01						T				T	.06	.04	.06	
WAIANAE 798.2	A	.30						T							T	.27	T													.01	.02	
WAIANAE MAUKA 803	A	1.83	.07	*	*	*	.55	*	*	.12	*	*	*	.35	*	*	.17	*	*	*	.08	*	*	.30	*	*	*	.04	*	*	.15	*	
WAIAWA 836	A	6.57	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.57	
WAIKANE 885	A	5.86	*	*	*	.76	*	*	*	*	*	.79	*	*	*	*	*	*	1.76	*	*	*	*	*	2.55	*	*	*	*	*	*	
WAIKIKI 717.2		.39	T	.03		.02		T	.03											.01	.01			T	.02				.08		.08	.09	
WAIMANALO EXP FARM		1.17				.03	.21		.03					.19				.04	.03	.01		.01	.02	.07	.04			.04	.01	.34	.17	
WAIMEA 892	A	1.75	*	*	*	.45	.43	.10	.15									*	.31	.06		.01		*	*	.20				.04	*	*	
WAIPAHU 750	A	.29	*	*	*	.03	.02	.17	.03							.01				.03											*	*	
WILHELMINA RISE 721	R	1.18	.10	.08		.30	.02	.06	.08						.02	.04			.06	.02		.06			.02		.04		.04	.06	.14	.04	

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
• • •																																	
ISLAND OF MAUI																																	
KAAPOKO 543	A	1.09	.01	.03		.07					.09	.06		.12	.02			.02		.04		.06	.03	.38	.04						.12		
KAUNAKAKAI 540	A	.26														.19												.07					
KAUNAKAKAI PUMP #5	A	.00																															
KAUPOO 534	A	.39	*	*	*	.15	.52	.23	.01							.01	*	*	.24	T				*	*	.05				.18			
MAPULEHU 542		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
MAUNALOA 5...	A	1.44	*	*	*	.11	.67	.08									*	*	.13					*	*	.03				1.03	*	*		
MOLOKAI AP 524		1.04	T	.02		.16	.09	.28	.02	T						.22		.08	.06					.10	.01					T	T		
PUUCHOO RANCH 5...		1.33	*	.20				.11	.10	*	*	.02		.02	.06	.17			.01	.01	.02			*	*	.42			.02		.17		
WAIKOLU 540	A	3.30	*	*	*	*	1.29	*	*	*	*	.72	*	*	*	*	*	*	.50	*	*	*	*	*	*	.47	*	*	*	*	*	.32		
• • •																																	
ISLAND OF LANAI																																	
KANEPUU 695		.10	*	*	*	*	*	.05	*	*	*	*	*	*	*	.10	*	*	*	*	*	.05	*	*	*	*	*	*	.10				
MANELE HARBOR 658	A	.57														.04								*	*	.53							
LANAI CITY 672	A	1.44					T			*	*	.22			T	.21	*	*	.02					*	*	.98			.01				
LANAIHALE 684	A	1.90	*	*	*	*	*	.10	*	*	*	*	*	*	*	.30	*	*	*	*	*	.15	*	*	*	*	*	*	1.35	*	*	*	
MANANA 694	A	.14	*	*	*	*	*	.04	*	*	*	*	*	*	*	.10																	
MALAUEA 675	A	.39	*	*	*	*	*	.04	*	*	*	*	*	*	*	.35																	
MALAKEKAHA 685	A	.74	*	*	*	*	*	*	*	*	*	*	*	*	*	.23	*	*	*	*	*	*	*	*	*	.51							
• • •																																	
ISLAND OF MAUI																																	
ALWAHI 252	A	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	
HALEAKALA B E S 434	A	.93		.05		.01	.01	.08	.09	.02						.03								.10	.04	.03					.40	.07	
HALEAKALA RANCH 432	A	.41	*	*	*	*	*	*	*	*	*	*	*	*	*	.37	*	*	*	*	*	*	*	*	.04	*	*	*	*	*	*	*	
HALEAKALA RS 338		1.44					.11		.07	T	T	T			T	.77	T			.02	T					.32	T	T		T	.09	.06	
HALEAKALA SUMMIT 3384	A	3.01					.10									2.13	*	*	.60	.03				*	*	.13	.02						
HALIIMAILE 423	A	.27	*	*	*	.01		.04	.02							.06								*	*	.08					.06	*	
HAMAKUAPOKO 485		1.45	.22	.03	T	.10	.05	.10	.11							.05		.08	.21					.08	.23	.11					.18	.10	
HANA 354	A	3.83				.45	.12	.05	.09	.03	*	.06		.03	.11	.55	.02	*	.08	.03	.03	.34	.28	.55	*	.24	.15	.03	.20	.14	.26	*	
HANA AIRPORT 356		4.17	.11	.23	.15	.23	.02	.15	.23	.13		.05	T	*	.09	.65	T		.04	.25	.01	.35	T	.07	.31	.25	T		.15	.12	.54	.04	
HANAMAULU 281	V	6.66	*	*	.53	*	*	.32	.40	*	*	*	*	*	.12	.52	*	.03	.10			.10	.10	.12	.52	.15			.10	.15	.38	.19	
HOLUA CABIN 4259.5	A	1.21	*	*	*	T	*	*	.30	*	.03	*	*	*	*	*	.68		T	*	*	*	.03	*	*	*	.17	*	*	*	*	*	
HONOKOHAU 480	A	7.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.60	
HONOKOWAI 493	A	1.67	*	*	*	.30	.26	.16	.02					.05		.03	*	*	.17					*	*	.33	.02		.28		.05	*	
HONOMANU GULCH 341	A	3.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.00	
KAANAPALI AIRPORT		.08				T	T	T	T							.02		.02	.01							T			T		T		
KAHOMA INTAKE 374	B	1.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.50	
KAHULUI WSO 398 AP	R	.04			T	.01	.01	.01							T	T		T					T	.01	T						T	T	
KAILILI 436	A	1.93	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.93	
KAILUA 446		6.92	*	*	*	.50	.12	.37	.36	*	*	.04				.58	*	*	.32	.05	.01	1.23	.50	*	*	1.45	.20			.02	*	1.17	
KAUAULA INTAKE 375	A	.79	*	*	*	.04	*	*	*	*	*	.35	*	*	*	*	*	*	.20	*	*	*	*	*	*	.20	*	*	*	*	*	*	
KEAHUA 410		.08						.01								.07								T		T							
KEANAE 366	A	8.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.10	
KEAWAKAPU BEACH 260.2		.33														.33																	
KIHEI 311		.10														.04	.06																
KIPAHULU 258		3.57				.27		.05	.30							1.11			.07			.07				1.05			.25		.40		
KULA HEIGHTS 323.7		1.24														.88										.34			.04				
KULA SANATORIUM 267		3.84	.11				.13	T	T							1.92	.03	T						T		.11	.01		.01	1.52	.02		
LAHAINA 361		.00																															
LAUNIUPOKO INTAKE 376	A	1.21																														1.21	
LAUNIUPOKO VILLAGE 372	A	.00																															
LOPI UPPER 442	A	6.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.20	
MAHINAHINA 466	A	.65				.15	.15	.10											.15							.10							
NAKALELE FIELD 60 497	A	1.40	*	*	*	*	*	*	*	*	*	.53	*	*	*	*	*	*	.47	*	*	*	*	*	*	.40	*	*	*	*	*	*	
OLINDA 332	A	.76		T			.04	.07	.02							.44	T									.08					.07	.04	
OLOWALU 296		.00																															
PAAKEA 350		10.39	.04	.21		.37	.26	.39	.50			.11				1.13		.12	.17	.18	.10	1.94	.28	.56	.99	1.65	.41	.01	.05		.68	.24	
PAIA 406		.34					.04	.02	.02							.01		.03	.06					.06	.04	.01					.04	.01	
PANILEIHULU 259.2	A	2.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.30	
POHAKEA BRIDGE 307.2	A	.00																															
POLIPOLI SPRINGS 267.2	A	1.74	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.74	
PUOHOKAMOA 2 343	A	8.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.00	
PUUNENE 396		T						T																									
SPRECKELSVILLE 400.2		.10					.01	.04	.01										T					.02	.02					T			
TWIN GATES 251.3	A	.00																															
UKULELE 333	A	.84	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.84	
UKUMEHAME 301	A	.00																															
ULUPALAKUA RANCH 250		1.66	.01				.03									.50										.39			.16	.54	.03		
WAHIKULI 364	A	.00																															
WAIEHU CAMP 4PA	A	.72				T	.01	.25	T	*	*	*	*	*	*	.06	*	.08	.08	*	*	*	*	*	.16	*	*	*	*	*	*	.08	
WAIHEE VALLEY 482	A	1.44	*	*	*	.21	.01	.36	T	*	*	*	*	*	*	.18	*	.10	.03	*	*	*	*	*	.44	*	*	*	*	*	*	.11	
WAIKAMOI 449	A	8.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.00	
WAIKAMOI DAM 336	A	6.83	.07	.25	.03	.08	.26	.29	.38	.07	T		*	.18	.03	1.02	.01	.03	.02	.03	.01	.20	.07	.32	.33	.68	.01		.02	.06	1.87	.51	
WAIKAPU 390	A	.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.02	*	*	*	*	*	*		
WAILUKU 386	B	.27	*	*	*	.06	T	.04	.01							.06			T					*	*	.07					*	.03	
WAIOPAI RANCH 256	A	1.00											*	*	*	1.00																	
• • •																																	
ISLAND OF HAWAII																																	
AHUA 3MI 75	A	.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60	
AKINI 182.1	A	4.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.30	*	*	*	*	
CITY OF REFUGE 27.4		3.19	.20	.05	.10		T	.23	.30		.02	.02		.05		.18	.35	.19	.03	.04	.03		.41	.16						T	.83		
EAST HONOKANE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HAINA 214		2.14				.06	.01	.06	.22	.05					.11	.41			.09			.32	.05			.02	.06	.05		.02		.27	.34	
HAKALAU 142		11.46			.04	.21			.06	.44	.02	.10		.01		2.64	.11	.06		.11		2.65	.12	.14	.78	.97	2.16	.02	.06	.01	.32	.47	
HALEMAUMAU 52	A	3.01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.01	
HALEPIULA 117	A	.00																															
HALEPOHAKU 111	A	2.11													.80	1.12						.06			.13								
HAWAII VOLCANO NP HQ 54		6.94		T	.04	.01	T	.02		.11		.09	T	.08	T	2.83	.17	.03	.19	T	.01	.05	.11	.02	.60	1.91	.19		T	.28	.03	.17	
HAWI 16R	A	2.48	*	*	.08	.07	.30	.13	.10						.09	.18	*	*	.10	.04	.01	.11		*	*	.96	.23	.02	.08	T	*	*		
HILO COUNTRY CLUB 86.6		13.58		T	.09			.27	.14		.09	.68	.06	.02	T	3.81	.60	.07	T	.02	.04	.06	1.27	.20	.47	2.62	.48	.18	T	.35	.58	1.47	
HILO WSO 87 AP	R	8.07	.04	.11	.08		.03	.19	.32	T	.14	T			2.76	.32	.09	.02	T	.03		1.24	.15	.17	1.12	.04	.13	.14	T	.05	.85	.05	
HOLUALOA 72	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HOLUALOA REACH 48	A	2.79	*	*	*	.60	.60	*	*	*	*	.25	*	*	*	*	*	*	*	*	*	.37	*	*	*	*	*	*	*	*	*	.97	
HONAUNAU 27		6.26																			3.84									1.79		.19	
HONOHINA 137		10.19	.01	.03	.09	.02	.02	.11	.32		.10		.01			2.42	.02	.19				1.43	.61	.09	.54	.98	2.02	.03	.04		.60	.42	
HONOKANE 181.1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HONOMU MAUKA 138		12.85			.50	.03		.08	.26	.02	.25	.01				4.10	.14	.39	.01	.01		.77	.45	.09	.50	2.54	.75		.01		.54	1.40	
HONUAPO 71	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HUALALAI 72	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HUEHUE 92.1	A	.50	*	*	.27	*	*	*	*	.05	*	*	*	.04	*	*	*	*	*	*	*	*	*	*	*	.06	*	*	*	*	*	.06	
KAALA IKI 12	A	10.96	*	*	*	*	*	*	.06	*	*	*	*	*	*	6.73	*	*	*	*	*	*	.74	*	*	*	*	*	*	3.43	*	*	
KAAWALOA 29	A	6.52	*	*	*	1.42	.08	.14		*	*	.44	.20		*	.10	*	*	1.95	.09			.03	*	*	.10		.10	.55	1.32	*	*	
KAINALIU 73.4		6.48	.78	.43	.07	.12	.30	.31	.01	.53		.12	.23	.42	.03	.08	.50	.64			.33	.03		.07	.09	T	T		.17	.12	1.10		
KALAPANA NO 1 67.8		8.36		T	.01				.12							3.21	.15		.02	.04		2.83	.02	.01	.41	1.29	.09	.01	T	.01	.05	.09	
KAMAOA NO 2 5	A	6.48	*	..0	*	*	*	*	*	*	.27	*	*	*	*	*	*	4.08	*	*	*	*	.02	*	*	.33	*	*	*	*	*	1.70	
KAMUELA 19.4		.79			.02	.02		.03								.10			.10				.02			.15	.10		.05		.05	.19	
KAPAPA A RANCH 36	B	6.03			*	*	*	*	*	*	.35	*	*	*	*	*	*	4.70	*	*	*	*	*	*	*	.60	*	*	*	*	*	.38	
KAPOHO ANDING 93.5	A	8.11	*	*	*	*	*	*	.81	*	*	*	*	*	*	3.59	*	*	*	*	*	*	1.75	*	*	*	*	*	*	2.00	*	*	
KAWAINUI LOWER 193	A	7.50	*	*	*	*	*	*	.55	*	*	*	*	*	*	1.48	*	*	*	*	*	*	1.32	*	*	*	*	*	*	4.15	*	*	
KEAAU 92		9.90		.04	.22	.01	.03	.19	.26	.08	.02					4.90	.17	.13		.15		.25	.75	.18	.32	1.12	.21		.09		.25	.62	

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		6.90	.57	.47	.08		.07	.16		.30		.02	.20	.25		.10	.71	1.12	.01	.09	T		.18	*	.03			.12	.37	2.05			
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KIOLAKAA A E F 6	A	5.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.50	*	*	*	*	*	*	*	*	
KIPA 89.2	A	12.43			.19			.01	.23	.04	.09	.39	.06	.01		4.30	.36	.04	.06	.04	.13	.19	.38	.15	.32	2.41	1.02	.04	.01	.02	.39	1.55	
KOHALA MAJILI 176	A	2.51	*	*	*	.12	.12	.15	.07						.05	.47	*	*	.12			.14			*	.94	.23	.02	.08	T	*	*		
KOHALA MISSION 175.1		3.41	T	.13		T	.06	.11	.06						.02	.28		.08			T	.48	.01	.08	.95	.17	.38	T	.03		.29	.58		
KOIAWE LOWER 196	A	2.02	*	*	*	*	*	*	.19	*	*	*	*	*	*	.58	*	*	*	*	*	*	.40	*	*	*	*	*	*	.85	*	*		
KONA (KAILUA) 68.3	A	1.84					.07	T	.44	*	*	.20		.03						.17								.63	.07	.23				
KONA VILLAGE 93.8		.43													.05														.38				
KUKAIAU 222		2.95		.05	.10	.01		.15	.13					T	.75	.04	T	.06				.46		.02	.07	.18	.01			.22	.68	.02		
KUKUIHAELE MIC 199		3.39				.06		.10	.06	.01					.02	.68			.15			.68	.20		.27	.02	.08		.20		.16	.70		
KUKUIHAELE MILL 206	A	1.81	*	*	*	.05	.04	.11	.06	*	*	.03			.01	.32	*	*	.01			.20	.02	*	*	.11	.09		.11	.02	*	.63		
KULANI CAMP 79		5.55	.01	.03	.05	.02			.03			.09		.11	.10	2.49	.06	.02	.13			.05	.03		.48	1.42	.14			.07		.22		
KULANI MAUKA 76	A	2.10													1.00	.75						.05			.15					.15			
KULANI SCHOOL SITE 78	A	3.03	.26	*	*	*	*	*	*	.30	*	*	*	*	*	*	*	*	*	*	*	*	*	.57	*	*	*	*	*	*	1.90	*		
LANIHAU 68.2		4.60	.05	.10			1.08	.08	.07		.31	.10	.21	.40			.88	.38		.08					.10	.12	.06		.10	.39				
MAKAHALAU 103		.34															.26									.08								
MANUKA 2	A	3.65	*	*	*	.04				*	*	.01	T			3.00	*	*	*	.60						T					*	*		
MAUNA KEA OBS 111.2		.99													.43	.40						.16											
MAUNA LOA SLOPE OBS		1.51													.74	.50						.27											
MIDDLE HOLUALOA 68.1	A	3.18	*	*	*	.94	.86	*	*	*	*	.43	*	*	*	*	*	*	*	*	*	.58	*	*	*	*	*	*	*	*	*	.37		
MIDDLE PEN 147.1	A	.56	*	*	*	*	*	*	*	*	*	*	*	.56	*	*	*	*	*	*	*	*	*	*	*	*	.01	*	*	*	*	*		
MOAULA 18	A	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00		
MOUNTAIN VIEW 91		11.19		.02	.10			.12	.22	.44	.11			.01	.01	2.42	.23	.18		.04	.35	.27	.66	.49	.90	3.09	.29	.08	.02	.11	.30	.73		
NAALEHU 14	A	7.74										.11		.18		3.75	.49				.05	.04			.80	1.78	T	T		.54				
NAPOOPOO 28	A	3.12	*	*	.96	*	*	*	*	*	*	.81	*	*	*	*	*	*	1.30	*	*	*	*	*	*	.05	*	*	*	*	*	*		
NIULII 179	A	1.92	*	*	*	.02	.10	.08	.03						.05	.13	*	*	.04				.03	*	*	1.20	.14		.10		*	*		
OOKALA 223		5.35		.02	.11		.01	.02	.13	.13						1.33	.05	.40	.02		.02		.90	.03	.06	.35	.98	.08			.07	.64		
OPIHIHALE 2 24.1		3.72	T	.07	T	T	.18	.17	T	.39	.02	T	.05		1.08	.36	.02		.02	T		.07	.02	T	.48	T	.12	.16	.45	T		.06		
ORCHID LAND EST 91.5	A	8.97	*	*	*	*	*	*	1.42	*	*	*	*	*	*	3.84	*	*	*	*	*	*	1.33	*	*	*	*	*	*	2.38	*	*		
PAAUHAU 217		1.75	*	*	*	.05	.05	.08	.10	*	*	.05			.03	.49	*	*	.08			.19	.12	*	*	.04	.07		.05		*	.35		
PAAUILO 221		2.39		.03	.06		.01	.09	.12					T	.55	.03		.03		.04	T	.42		T	.02	.08	T			.38	.50	.03		
PAHALA 21	A	6.20										.17		.42		4.25	.21				.23		.03		.22	.44				.23				
PAHOA 65		13.21		.08	.45	.02	.15	.22	.39	.23	.06		.08			4.85	.21	.15		.19		.80	2.00	.21	.38	1.31	.12	.08	.11	.09	.31	.72		
PAKAD 37	A	4.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.50		
PAPAIKOU 144.1		10.95			.20	.05		.06	.14	.26	.22		.02			3.68	.30	.06		.01		.51	1.26	.34	.60	1.30	.27	.03	.02	.06	.39	1.17		
PAPAIKOU MAUKA 140.1		13.63		.03	.26	.02		.02	.24	.23	.31	.15	.06	.01		4.44	.58	.15			.22	.36	.54	.20	.60	2.70	.60	.09	.01	.03	.36	1.42		
PIIHONUA 89	A	13.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13.20	*	*		
POHAKULOA 107	A	1.41											*		*	*	.83				*	*	*	.58										
PUAKO 95.1	A	.14												T		.04														.10	T			
PUU KIHE 120	A	.00																																
PUU LAAU 102.1	A	.82	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.82		
PUU LEHUA 73	A	2.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.20		
PUU MALI 113	A	.00																																
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUU WAAWAA 94.1	A	.92					.10								.13	.11	*	*	.14	.07				*	*	.23	T		T	.14				
SADDLE ROAD 1 84	A	17.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	17.60	*	*	*	*	*	*	*	*	*	*		
SOUTH POINT CORRAL 3	A	2.37										*	*	*	*	*	*	.97	*	*	*	*	*	*	.40	*	*	*	*	*	*	1.00		
UMIKOA 118		-	-	*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
UPOLU POINT USCG 159.2		1.78	T			.04	.05	.18	.03							.07		.11	.04			.05		.03	.65	.11	.09		.07		.20	.06		
WAIAKEA SCD 88.2		10.96		T	.10			.09	.26	.10	.01	.32	.06	.07	.08	3.27	.51	.03	.07	.02	.12	.45	1.16	.20	.43	1.76	.36	.10	.01	.08	.19	1.11		

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
• • •																																	
EAST OF 180TH MERIDIAN																																	
CANTON IS AND	R	.79	T		.38	.01	T		.01		.03	.12		.17	.01	T		T		.20	.15	.25	.35	2.40	.35		.60	.01		.08		.40	.25	
FAGA ALU RESERVOIR		7.13	.02		.55		.01				.03	.06	.75	.21	.35																		
JOHNSTON WSO AP	R	3.44	.03	T	.01	.02	.14	T	.12		.13	T		.12	1.96	.23	T	.03	.01				.29			.01	.02	.11	T		T	.21	
LEONE		8.21	.06	.10	2.80	.9		.60		.10	.05	.75		.35		.35	.35			.10	.60			.60	.10	.05			.85		.22	.08	
FRENCH FRIGATE SHOALS		.34	.07		.01	.01			.01	.01							.01	.02	.01		.01	.03	.01	.02					.10			.02	
LUMA VILLAGE		7.80	.57	.25	.23	T	.02	.14	.03	.06	.03	.15	.39	.05	.41	.02		T	.29	.11	.04	1.11	.60	.38	1.62	.11	.53	.18	.08	.07	.26	.07	
MIDWAY SAND ISLAND		2.86	T	.06		.35	.08			.02	.15	.92	.04	T		.11		.01	.01	.10	.10		.02	.10	.28	.12	T		T	.24	T	.03	.11	
PAGO PAGO WSO AP	R	5.48	.74	.26	.46		.05	.19	.06	.06	.24	.68	T	.30	.58				.02	.01	.56	.04	.21	.59	T		.07	.01	.03	.17	.07	T	
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
• • •																																	
WESTERN PACIFIC IS., NORTH OF 10° N																																	
ANDERSEN AFB GUAM		10.90	T	.06	.37	.02	1.48	1.06	.54	.48	.06	.48	1.33	.17	.23	T	1.00	.33	.10	.03	.12	.29	.24		.07	.04		.19	T		1.66	.65	
CLARK AFB LUZON		6.96	.57	T	.13	.38	.73		T	.11	.12	.47	.01	.28	.12	.08	.16	T	.06	.08	.01	.45	.20	.42	.50	.03	.80	.03	1.10	.12		T	
GUAM NAS		8.08		.19	.11	.25	.84	.66	.06	.11	.48	.20	.76	.10	.05	.04	.77	.03	.41	.14	T	.32	.07	.05	.09	.91	.02	.18	.16	.15	.53	.40	
GUAM WSO	R	9.05	.17	.33	.01	.04	.86	1.06	.40	.41	.21	.28	.71	.50	.52	.02	.81	.23	.08	.07	.13	.31	.20	.01	.24	.22	.02	T		.06	.76	.39	
MANGILAO		10.08	.05	.06	.03	.13	.62	.92	.44	.09	.13	.38	1.72	1.21	.14	.14	.47	.37	.30	.13	.59	.30	.05	.30	.43	.32	.08	.12		.24	.19	.13	
ROTA		15.10	2.00	1.35	.90	.0	T	.10	1.01	.35	1.65	2.00	1.03	2.00	.21	.60	.05	T	T	.20	.03	.6	T	T	T	.05	1.10	.16	T	T	T	.05	
SAIPAN USCG LORAN		7.22		.01	.02	.38	.72	.31	.01	1.30	.37	.29	.18	.08		.02	.01	.03	.40		1.33	.05	.36	.17	.01	.32	.30	.01	.14	.03	.17		
WAKE WSO AP	R	3.12		.03	T	.02	.25		.02	.20	.16	.07	T	T			.01		.21	.04	.06		.02	1.41	.11	.20	.03	.02	.07	T	.16	.01	
• • •																																	
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		20.87	1.86	.63	.12	.83	.86	.17			2.36		1.72	.63	.70		2.14		.36	.60	.32		.13			2.76	.96			.96		2.76	
ENIWETOK		6.35		.07	.40	.18	.03	.03	.17	.06	.16	.79	.37	.23			.15	.20	.07	.44	.16	.63	.03	.10	1.49		.07	.11	.01	.02	.37	.01	
FALALOP I., ULITHI		9.41	.03	.28	.01	1.13	.06	.30	.30	.53	.04	.51	.33	.16	.04	.40	.05	.05	.05	.26	.06	1.65	.46	.09		.55	.40	.23		.05	.13	1.26	
KAPINGAMARANGI ATOLL		2.54		.40		.25	.06			.75	.84	.12							.07	.05													
KOROR WSO	R	12.18	.40	.73		.75	.34	.01	.09		1.24	.09	.01	.51	.70	.29	.91	.90	1.16	1.16		.32	.03	.09	.24	.02	T	.18		.03	1.19	.79	
KWAJALEIN WSO AP	R	8.33	.01	.11	.26	.50	.14	.02	T		.19	.04	.87	.02		.28	.04	.13	.49	.31	.59	.19	T	T	.61	.77	.20	.01	.04	.85	1.66		
LEJE I., KWAJ		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAJURO WSO AP	R	12.78		.17	1.03	.06	.03	.06	2.36	.01	.06	.56	.27	.70	.20	.48	.34	1.43	.42	.30	.05	.11	.18	.54	1.12	.89	.26	.11		1.04				
METALANIM		19.45	.10	.32	.39	.34	.37	2.97	.47	.11	.31	.16	1.19	1.07	.03	.08	2.31	.26	.98	.59	1.31	.76	.01		.29		.87	.90	.62	.20	2.00	.44	
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NGASANGABABELTHUAP		7.42	*	*	*	*	*	*	.25	2.11	*	.43	.01	*	.96	.14	.01	*	.86	.08	.85	.05	.19	.01	.18	.03	.01	.62	.02		.32	.09	
PONAPE WSO	R	18.15	T	.65	.67	.03	.54	2.53	T	.43	.60	.39	1.46	.24		.81	.07	.19	1.27	1.02	1.00	.10	.08	.05	.20	1.07	.79	.34	1.30	1.74	.63		
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRUK, MOEN I. WSO AP	R	11.34	T			1.00	1.17	.03	.01	.40	.02		.30	.83	T	.02	.33	.13	.39	.25	.23	2.18		.07	.32	1.19	.49	.17	.76	.32	.39	.14	
WOLEAI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YAP WSO AP	R	17.64	.71	.66	.01	.37	.08	.01	.09	T		.54	.02	1.34	.95	.82	3.26	.81	.46	.93	.23	.02	.96		.03	.17	1.83	1.03	.10	.01	.75	1.43	

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	75	73	67	62	73	74	72	75	73	74	68	71	72	71	71	72	74	75	72	75	77	75	78	77	73	73	78	75	73	71		73.0
	MIN	52	57	58	58	54	56	57	57	50	49	50	47	47	53	57	51	52	54	56	49	51	56	59	57	52	53	53	52	57	57		53.7
KILAUEA POINT 1133	MAX	84	84	85	82	84	82	83	85	83	84	85	83	85	84	83	82	82	82	84	84	82	82	83	84	82	85	83	85	81	81		83.3
	MIN	69	69	69	69	69	69	69	69	69	69	72	72	72	70	72	71	70	70	70	70	70	70	70	75	70	71	73	71	70	69		70.3
LIHUE WSO 1020.1 AP	MAX	86	86	86	85	87	87	86	86	85	84	84	84	84	83	85	83	85	84	84	85	85	86	84	86	85	85	85	85	83	83		84.9
	MIN	75	74	73	73	73	75	73	74	73	71	70	70	70	72	75	75	74	71	71	71	72	75	74	76	73	76	72	72	72	73		72.9
MAKAHUENA POINT 940.1	MAX	86	86	78	86	85	86		85	86	86	86	88	87	86	86	87	88	86	85	85	86	86	86	86	86	82	86	86	86	86		85.6
	MIN		74			70	71			72	71		70	71		72			71	72	72	73	75	73	73	73			74	74	76		
MANA 1026	MAX	89	87	89	89	89	89	89	88	89	88	87	86	88	86	87	89	89	89	88	88	89	88	89	89	89	89	89	88	88	89		88.3
	MIN	68	66	67	68	66	65	67	67	66	66	68	65	70	68	63	67	67	69	65	66	68	68	69	69	67	67	68	70	69	68		67.2
NIU RIDGE 1035	MAX	83	84	82	83	84	83	83	84	82	83	84	83	80	81	80	82	83	83	84	83	84	84	83	88	84	83	85	84	83	84		83.1
	MIN	64	65	64	63	64	64	65	66	64	63	64	63	62	64	63	64	64	65	65	65	65	63	62	66	65	66	66	65	64	65		64.3
WAIAHI LOWER 1054	MAX	82	84	83	82	83	84	83	83	83	83	83	82	82	83	82	80	82	84	83	84	84	83	82	80	83	84	85	85	83	82		82.9
	MIN	64	65	64	64	68	64	69	67	64	67	62	64	62	64	63	62	65	68	66	65	65	64	65	69	67	67	66	64	67	67		65.3
* * *																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	82	84	84	84	84	84	84	85	84	84	85	84		84.0
	MIN	66	66	66	66	65	65	65	65	65	65	64	65	64	64	65	65	65	64	64	64	64	64	64	64	63	63	71	74	71	72		65.6
EWA PLANTATION 741	MAX				87	85	88	86			89	88	86	86	90			88	86	86	88	88			88	88	89	88	86				
	MIN				67	68	70	70			66	66	66	66	71			68	69	67	66	67			71	69	68	70	68				
HONOLULU WSO 703 AP	MAX	88	89	89	86	88	89	88	88	90	89	88	87	89	89	88	89	88	88	88	90	89	89	89	89	91	89	89	89	88	87		88.6
	MIN	74	73	75	74	73	73	74	75	74	69	69	69	68	75	74	74	74	73	73	69	72	75	76	77	75	74	74	75	73	75		73.3
HONOLULU SUBSTA 704	MAX	81	82	81	80	82	81	83	83	84	83	84	84	84	84	82	83	83	83	83	85	84	82	83	83	83	82	82	83	82	81		82.7
	MIN	75	74	75	73	74	73	73	76	76	75	75	75	75	76	75	74	73	74	74	73	75	73	74	75	75	73	71	74	72	73		74.1
KANEOHE MAUKA 781	MAX	85	84	84	83	83	83	84	83	83	85	84	84	84	84	83	84	82	82	84	83	83	83	83	79	83	84	84	82	83	83		83.3
	MIN	71	72	73	71	72	70	71	74	71	70	71	69	70	71	71	72	70	69	71	74	72	72	73	74	74	70	70	71	70	71		71.3
LUALUALEI 804	MAX	89	90	87	88	92	89	89	90	87	84	85	88	89	90	92	92	88	90	90	86	90	86	90	90	90	87	90	87	90	89		88.8
	MIN	74	76	73	68	72	68	74	76	76	73	76	68	75	78	68	68	70	76	70	64	69	66	72	75	72	69	68	69	72	74		71.6
MAKAPUU POINT 724	MAX	81	81	82	80		80	80	80	79	80	80	81	81	81	79	80	79	80	81	80	82	80	79	79	79	83	81	82	80	79		80.3
	MIN	71	71	71	71	75	71	69	72	71	70	73	71	70	70	69	72		70	72		72		67		74	69	69	66	66	66		70.3
OPAEULA 870	MAX	86	88	87	87	88	87	87	87	88	86	86	85	86	88	86	82	88	78	80	79	80	84	83	81	80	85	82	82	83	82		84.4
	MIN	67	66	65	67	63	65	65	65	66	63	65	65	66	63	65	70	64	65	65	63	64	66	72	65	66	65	67	66	68	65		65.6
PRI WAHIAWA 820.2	MAX	84	82	84	85	82	85	83	83	84	87	86	86	83	88	84	82	80	85	86	86	88	85	85	86	86	88	88	87	82	79		84.8
	MIN	64	66	68	64	67	68	68	67	64	63	63	63	63	64	63	65	64	66	65	62	64	67	68	66	67	66	68	66	66	67		65.4
WAIALEE 896.3	MAX	85	85	85	86	85	85	85	85	87	87	86	87		87	86	86	86	84	86	85	86	86	86	82	86	87	87	86	85	85		85.7
	MIN	72	72	72	70	71	70	72	73	71	72	68	68		70	74	72	71	71	67	70	72	71	72	73	75	69	71	72	71	71		71.1
WAIALUA 847	MAX	86	86	86	86	83	85	85	85	86	89	87	85	84	88	89	86	86	85	86	86	89	88	86	86	88	90	88	87	88	86		86.5
	MIN	64	64	68	66	65	66	67	68	66	63	63	62	62	65	69	63	67	68	64	62	63	64	67	68	67	62	66	66	68	70		65.4
WAIKIKI 717.2	MAX	86	86	87	87	87	88	86	87	87	87	87	87	87	87	88	86	86	86	86	87	87	87	87	85	87	88	88	87	87	87		86.8
	MIN	69	69	72	70	70	72	70	72	70	70	66	67	67	68	72	71	70	70	68	65	71	72	71	73	71	70	68	71	69	69		69.8
WAIMANALO EXP FARM	MAX	85	85	86	86	83	86	86	86	86	86	86	86	85	87	87	85	85	85	85	85	86	86	86	86	86	86	87	87	87	87		85.8
	MIN	74	73	72	73	73	72	73	75	74	74	70	72	71	72	74	73	70	71	73	74	73	73	71	74	75	71	72	74	70	71		72.6
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	89	85	87	88	86	88	90	92	89	89	87	85	87	88	89	88	89	91	86	86	89	88	89	85	89	92	86	86	86	86		87.8
	MIN	70	70	68	68	72	70	72	67	72	67	65	67	67	72	69	69	69	67	69	66	69	71	71	72	66	69	70	72	71	71		69.3
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	76	76		77	77	76	78	74	77	79	76	77	78	78	75	75	79	77	78	79	79	76	71	79	77	81	76	76				76.9
	MIN	65	67		67	66	67	68	67	66	65	66	66	63	65	60	67	67	64	65	63	63	66	66	68	63	64	64	66				65.4
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	64	66	67	64	65	66	67	65	65	62	67	60	65	70	65	64	61	61	64	64	67	68	67	63	67	70	68	66	65	65		65.3
	MIN	41	46	44	46	55	45	45	47	41	44	40	40	44	54	41	40	37	42	40	43	44	51	49	40	44	51	46	48	48	50		44.9
HALEAKALA SUMMIT 338.4	MAX	61	65	67	67	61	60	57	58	64	62	62	65	64	61	54	60	60	51	57	55	58	61	64	63	58	55	58	53				60.0
	MIN	49	48	48	42	38	44	41	42	44	41	46	46	46	46	42	40	42	35	36	42	43	42	43	42	38	44	40	39				42.5
HANA AIRPORT 355	MAX	87	85	85	85	85	84	86	85	85	85	86		82	83	85	85	86	85	85	87	82	80	81	77	80	82	80	81	81	80		83.4
	MIN	68	68	69	69	68	69	70	68	68	67	67		67	70	66	69	70	67	65	72	70	71	72	71	75	68	70	67	70	69		69.0
KAANAPALI AIRPORT	MAX	83	85	86	84	84	85	84	84	85	85	86	86	83	86	84	85	85	85	86	86	84	85	86	85	85	84	85	84	84	85		84.7
	MIN	73	72	74	71	72	72	73	73	67	67	67	68	65	73	72	68	71	68	67	68	69	73	72	71	69	67	68	69	72	70		70.0
KAHULUI WSO 398 AP	MAX	87	86	87	86	85	87	86	88	88	86	87	88	83	89	87	87	87	85	85	88	87	86	85	88	88	85	88	87	87	85		86.6
	MIN	72	73	73	72	72	72	73	70	62	62	62	63	63	74	69	70	71	68	62	65	65	72	72	73	65	68	68	69	73	72		68.8
KAILUA 446	MAX				79	79	79	78			80	78	79	79	78			81	79	78	80	80			80	78	79	79	80				
	MIN				66	65	66	68			67	67	66	66	67			67	67	65	67	67			71	69	67	67	67				

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAPU BEACH 260.2	MAX	90	93	89	94	87	91	90	92	89	90	88	89	91	87	90	87	89	88	88	91	90	90	91	89	92	90	87	86	90	93		89.7
	MIN	64	68	65	66	65	66	67	65	65	64	63	65	65	71	62	63	64	65	64	66	65	67	68	68	68	64	66	66	67	68		65.6
KULA SANATORIUM 267	MAX	74	75	77	77	72	75	72	77	72	79	75	72	72	75	73	73	75	74	75	75	76	74	71	78	76	75	75	75	74	75		74.6
	MIN	56	58	58	57	60	57	60	57	59	59	58	58	57	58	57	57	59	58	57	58	59	59	62	62	60	58	59	58	61	60		58.5
LAHAINA 361	MAX	87	88	89	88	89	88	89	88	88	88	87	87	89	86	85	90	88	87	89	88	88	88	89	89	88	90	87	87	88	89		88.0
	MIN	67	69	69	69	70	70	69	67	67	67	69	70	69	72	65	65	67	69	68	69	69	68	68	69	70	69	70	69	71	69		68.6
WAILUKU 386	MAX				83	83	83	83			85	82	82	83	83			84	82	82	81	84			83	84	83	82	83				
	MIN				70	71	71	72			71	73	69	69	74			70	72	71	74	74			71	74	73	73	73				
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	83	83	82	84	83	84	83	82	82	83	84	84	84	81	83	84	83	82	83	83	83	82	82	82	83	80	82	84	83	79		82.7
	MIN	67	68	68	67	68	69	63	68	68	68	66	67	69	70	69	68	68	67	65	68	71	70	71	70	70	67	68	67	69	67		68.0
HAWAII VOLCNS NP HQ 54	MAX	71	69	69	71	73	72		72		72	71	71	71	69	69	68	69	71	71	75	73	72	68	68	71	73	72	73	71	66		70.8
	MIN	54	54	54	55	55	55		52		54	52	51	52	57	54	54	53	51	49	55	55	56	58	57	56	53	55	51	55	48		53.8
HILO WSO 87 AP	MAX	83	84	84	85	85	84	83	86	85	84	86	86	77	82	85	86	85	86	87	84	86	83	82	87	84	84	85	85	80	84		84.2
	MIN	66	69	70	68	68	70	69	64	69	68	68	66	68	70	70	68	66	66	64	70	70	71	73	72	70	67	69	66	69	69		68.3
KAINALIU 73.2	MAX	78	75	79	80	80	77	78	79	80	79	80	78	78	82	80	79	80	77	77	80	80	79	78	82	78	80	78	78	79	80		78.9
	MIN	63	62	65	64	62	64	63	62	64	63	62	64	62	67	62	64	64	64	60	64	66	63	65	65	64	64	65	63	62	65		63.6
KAMUELA 192.2	MAX	76	73	75	73	75	74	73	76	74	78	75	75	79	78	75	75	77	75	74	82	73	75	73	73	75	73	73	76	74	73		75.0
	MIN	60	60	59	60	59	60	60	60	61	59	60	60	62	62	60	61	60	60	61	56	59	60	61	60	61	60	60	59	60	60		60.0
KEAAU 92	MAX	82	80	81	82	83	83	83	80	82	82	83	84	83	75	79	82	82	82	82	85	82	82	81	80	83	82	82	83	83	77		81.7
	MIN	64	66	67	65	65	66	66	64	64	66	65	64	64	69	67	66	64	64	63	63	67	67	67	68	68	65	65	65	64	66		65.5
KEALAKEKUA 26.2	MAX	77	80	80	78	77	77	81	80		80	81	80	80	82	81	79	79	75	78	82			85		83	83	78	78	79	81		79.8
	MIN	62	62	63	64	64	64	63	62		63	61	64	61	66	62	63	65	64	61	63			63		63	64	65	63	61	65		63.1
KOHALA MISSION 175.1	MAX	73	82	83	84	83	82	84	83	83	84	85	84	85	84	83	84	83	83	83	84	83	82	81	80	81	81	82	82	82	79		82.4
	MIN	68	69	69	69	69	68	68	69	69	69	67	69	67	70	69	67	69	68	65	68	70	69	70	69	70	68	68	69	68	69		68.5
KONA (KAILUA) 68.3	MAX				85	83	84	85			85	85	85	84	84			86	83	84	86	86			89	86	87	85	85				
	MIN				68	69	70	70			71	71	71	70	72			71	70	69	71	71			71	72	71	71	67				
KULANI CAMP 79	MAX	65	65	63	63	66	65	66	66	66	64	67	64	65	60	76	61	68	64	65	58	65	65	66	64	65	70	66	67	69	63		65.6
	MIN	49	49	52	49	49	52	49	48	48	47	48	45	45	49	50	49	48	48	42	50	50	52	55	54	54	47	47	46	46	47		48.8
MAUNA LOA SLOPE OBS	MAX	60	61	61	60	57	59	59	54	55	58	59	58	53	52	55	59	58	55	54	52	56	53	60	57	62	60	58	57	51	57		57.0
	MIN	44	44	43	40	41	45	43	38	40	40	41	39	39	39	37	39	35	38	35	37	40	43	43	42	42	41	38	36	42	40		40.1
MOUNTAIN VIEW 91	MAX	79	79	79	79	81	78	77	78	78	78	78	80	79	75	79	79	79	79	80	82	79	78	78	78	79	77	80	79	79	79		78.7
	MIN	60	60	60	60	59	62	62	58	58	58	60	58	58	64	60	60	60	59	57	57	64	63	63	63	63	61	61	59	59	59		60.2
NAALEHU 14	MAX				82	83	84	82			83		83	84	85			81	81	81	83	82			82	81	79	82	81				
	MIN				65	64	65	67			67		66	66	68			67	68	65	64	67			68	69	65	65	64				
OOKALA 223	MAX	83	82	83	84	83	84	83	82	82	82	82	83	84	77	82	81	82	82	82	83	82	82	83	82	82	80	81	82	82	76		81.9
	MIN	68	69	69	69	68	67	68	68	66	69	67	70	70	70	69	66	70	67	67	65	69	70	70	69	69	69	69	68	68	68		68.4
OPIHIHALE 2 24.1	MAX	73	78	77	75	76	76	79	81	78	77	77	76	82	81	75	76	80	77	82	82	76	80	79	78	79	82	74	74	81	81		78.1
	MIN	61	63	64	61	61	60	60	62	65	63	62	62	62	62	62	63	65	60	60	62	63	62	62	62	63	66	63	60	60	65		62.2
PAHALA 21	MAX	84			84		84	86			84	83	83	82	87			83	83	83	85	81			86	82	81	83	82				
	MIN	64			61		63	64			62	66	62	62	63			62	63	61	63	65			65	67	62	64	60				
PUAKO 95.1	MAX	85	86	87	86	86	88	86	88	84	84	86	85	86	87	85	86	86	86	86	88	87	87	88	86	86	86	86	86	86	87		86.2
	MIN	73	72	73	73	74	74	74	72	69	69	68	72	68	73	72	70	68	73	69	70	72	75	73	75	70	72	70	66	70	73		71.4
UPOLU POINT USCG 159.2	MAX	85	84	86	84	85	86	85	85	86	86	85	85	87	84	86	87	85	85	85	86	86	85	85	80	85	85	86	85	86	85		85.2
	MIN	66	71	69	70	71	70	68	70	72	69	71	72	71	72	69	69	71	71	70	67	73	72	71	71	66	72	70	71	69	70		70.1
	MAX																																
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See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	90	89	88	90	88	89	90	91	88	91	90	90	91	93	89	90	91	92	90	91	89	90	88	91	90	91	89	84	88	86		89.6
	MIN	73	78	75	77	78	77	77	77	75	75	76	78	77	77	78	77	77	77	77	76	76	77	77	76	77	74	76	73	75	72		76.2
JOHNSTON WSO AP	MAX	83	84	84	83	83	83	83	84	83	84	84	83	81	83	84	83	83	83	84	83	82	83	83	86	85	85	84	84	85	83		83.5
	MIN	77	78	76	76	77	78	75	78	76	78	78	76	75	75	77	77	77	78	79	78	72	78	79	76	77	75	78	78	78	71		76.7
LEONE	MAX	88	89	86	88	89	90	89	90	87	86	88	89	88	91	88	90	89	89	88	89	89	86	89	87	90	89	90	89	88	86		88.5
	MIN	79	75	71	72	72	73	74	71	71	74	73	73	73	70	70	70	72	73	73	72	72	73	74	71	71	71	72	72	71	78		72.5
FRENCH FRIGATE SHOALS	MAX	88	87	88	88	89	90	90	88	88	89	89	87	90	90	88	84	86	87	89	89	88	86	87	90	91	91	91	87	86	85		88.2
	MIN	77	75	74	77	72	76	71	72	74	73	73	72	72	73	73				71	74		75	75	74	74	73	74	74	79	78		74.0
MIDWAY SAND ISLAND	MAX	82	81	85	84	82	85	86	85	84	82	82	83	84	81	82	83	87	86	84	85	85	84	86	82	81	82	81	85	82	80		83.4
	MIN	73	72	72	74	67	66	73	73	73	76	74	73	72	71	74	73	73	76	75	75	76	75	73	71	73	74	72	72	72	75		72.9
PAGO PAGO WSO AP	MAX	85	83	85	86	86	85	86	87	86	86	86	86	86	87	86	86	86	86	85	85	85	80	85	85	86	86	87	86	85	86		85.3
	MIN	73	73	72	73	75	76	79	75	72	76	79	76	74	72	69	71	74	80	73	77	77	74	79	77	76	73	73	79	79	78		75.1
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																	
WESTERN PACIFIC ISLS NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	85	84	83	82	81	81	83	82	81	85	84	88	83	85	84	85	85	85	84	85	85	85	85	86	86	87	85	86	85	86		84.4
	MIN	78	78	79	76	75	73	75	72	78	79	76	77	77	77	74	77	79	79	77	77	79	79	80	78	78	79	79	79	77	77		77.3
CLARK AFB LUZON	MAX	84	84	90	84	84	88	90	91	88	91	93	90	90	91	86	90	88	88	88	90	91	91	90	88	86	90	97	86	82	86		88.5
	MIN	73	72	75	73	73	75	75	75	75	75	77	75	75	75	73	77	75	75	75	77	77	75	77	77	75	75	75	75	73	72		74.9
GUAM NAS	MAX	87	87	86	86	86	86	87	84	85	87	85	88	85	86	84	86	86	85	86	88	87	87	86	87	87	86	87	87	86	87		86.2
	MIN	79	79	78	76	76	76	78	75	76	78	76	77	78	78	76	77	79	78	78	77	79	77	79	78	78	78	77	78	78	77		77.5
GUAM WSO	MAX	87	87	87	86	84	85	86	84	84	87	86	86	86	86	84	86	86	87	86	87	86	87	87	87	86	87	87	87	85	87		86.1
	MIN	73	75	73	73	70	74	71	71	73	74	74	74	73	72	71	72	74	74	70	74	75	72	73	72	74	70	72	73	71	72		72.6
SAIPAN USCG LORAN	MAX	90	90	89	88	89	87	88		85	86	89	89	89	88	88	87	88	88	88	86	88	90	90	86	88	87	88	88	88	88		88.0
	MIN			76	74	73	75	75	73	73	74	75	77	74	77	75	75	74	72	70	75	75	75	75	72	74	76	73	73	72	78		74.3
WAKE WSO AP	MAX	91	89	90	89	88	89	89	89	89	90	89	88	89	89	89	90	88	88	88	89	89	83	84	82	89	88	89	88	88	87		88.2
	MIN	78	77	78	77	73	75	76	75	76	78	77	75	78	77	77	78	74	76	76	78	78	71	75	73	77	76	75	76	75	77		76.1
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	89	88	89	88	88	87	88	87	88	88	88	88	88	89	88	88	87		88	86	87	89	89	89	89	87	88	89	86	88		88.0
	MIN	74	72	76		76			72	76	76	74	72	78		76		77			75	76	76	76	78		76	77	77		78		75.6
FALALOP I, ULITHI	MAX	85	88	88	87	88	88	85	86	85	86	83	86	86	86	85	86	86	83	86	86	85	84	86		86	86	86					85.9
	MIN		79	84	80	82	76	77	77	81		80	78	76	79		79	81	79	82	81	81			79	81	80	81		80	73		79.4
KAPINGAMARANGI ATOLL	MAX	88	88	87	88	88	89	88	89	83	87	88	89	88	89	88	87	87	88	89	87	88	87	88	90	89	87	88	86	86	88		87.7
	MIN	79	77	78	78		79	79	74	74	74	79	75	77	77	78	75	77	75	75	78	75	75		73	77	77	76	75	74	72		76.1
KOROR WSO	MAX	85	85	91	91	90	90	84	90	88	87	90	87	85	90	91	87	89	88	90	89	90	89	91	89	90	89	91	90	89	85		88.7
	MIN	76	76	79	75	74	77	75	76	77	75	77	74	75	75	75	74	74	74	74	76	75	78	75	77	78	75	79	77	75	75		75.7
KWAJALEIN WSO AP	MAX	87	87	85	86	86	87	87	87	85	88	86	87	87	85	84	87	86	87	87	83	86	87	87	87	87	87	88	86	86	88		86.4
	MIN	79	78	76	76	79	79	79	79	75	78	76	78	80	77	78	76	76	77	76	75	80	79	76	73	78	79	79	76	73	79		77.4
LELE I. KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	85	85	84	85	86	86	82	85	86	84	85	84	84	86	84	82	84	83	84	83	85	85	84	85	85	86	86	85	86	85		84.6
	MIN	76	77	75	75	77	75	73	76	77	74	75	77	76	75	75	74	78	76	77	75	77	74	73	76	78	77	78	73	77	75		75.7
METALANIM	MAX	88	87	88	89	88	85	82	85	88	87	88	85	88	87	85	88	89	83	84	88	88	87	88	88	88	86	88	88	88	86		86.9
	MIN																																
PONAPE WSO	MAX	90	89	90	88	90	81	89	90	89	90	86	89	89	85	85	88	83	87	84	89	88	88	89	91	85	88	90	83	90	90		87.8
	MIN	73	74	74	75	75	73	73	74	74	73	74	73	73	74	73	71	71	74	71	75	72	72	74	75	73	75	74	74	72	72		73.3
TRUK, MOEN I, WSO AP	MAX	89	89	89	88	84	89	87	89	88	89	88	87	90	89	86	88	88	87	87	84	86	87	89	88	88	88	87	83	89	88		87.7
	MIN	79	79	76	75	73	75	78	78	78	80	75	73	79	77	73	73	76	75	77	68	72	76	78	74	77	77	74	75	75	74		75.6
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	88	83	89	89	88	87	87	86	88	89	88	86	87	87	87	86	85	85	84	88	85	87	89	88	87	87	87	89	86	78		86.7
	MIN	76	74	78	76	75	74	74	74	74	74	75	74	75	72	74	73	75	73	74	77	75	75	76	76	73	74	74	76	74	72		74.5
	MAX																																
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See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	22	SE	07+	-	80	80	92	1	8	13	6	1	0	29	51	-
HILO, HAWAII, WSO AP	31	0.7	6.2	15	E	23+	91	83	72	85	4	9	9	1	2	1	26	49	6.2
HONOLULU, OAHU, WSO AP	6	11.7	12.6	27	NE	23	72	66	49	65	13	4	2	0	0	0	19	74	4.8
JOHNSTON ISLAND WSO AP	9	14.9	15.5	31	E	26	77	76	71	77	6	7	8	0	1	0	22	71	6.2
KAHULUI, MAUI, WSO AP	4	13.4	14.4	30	E	24+	76	67	52	67	8	4	0	0	0	0	12	82	4.0
KOROR WSO AP	-	-	-	17	NE	28+	88	-	80	77	1	8	6	7	4	0	26	61	9.3
KWAJALEIN WSO AP	8	9.2	10.5	31++	9	03	83	84	76	80	3	7	10	6	1	0	27	-	8.1
LIHUE, KAUAI, WSO AP	4	10.9	11.9	22	NE	19	80	78	65	75	8	11	6	0	0	0	25	48	5.7
MAJURO WSO AP	-	-	-	36	E	04	82	85	78	81	0	6	11	4	4	1	26	71	8.2
PAGO PAGO WSO AP	9	8.3	9.8	33	E	19	86	86	75	84	3	10	7	5	0	0	25	79	6.5
PONAPE WSO AP	-	-	-	19	NE	03	90	-	76	78	2	4	7	7	7	1	28	49	8.8
TRUK, MOEN I, WSO AP	-	-	-	23	NE	04	85	-	76	78	2	5	12	3	3	1	26	51	9.5
WAKE WSO AP	8	13.4	14.2	27	SE	22+	81	85	68	73	4	12	7	0	1	0	24	64	6.2
YAP WSO AP	-	-	-	19	E	02	88	-	80	78	1	8	5	9	4	1	28	48	8.7

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.37	.46	.35	.32	.48	.44	.35	.42	.42	.40	.37	.26	.26	.30	.33	.45	.34	.17	.47	.19	.29	.33	.29	.28	.41	.37	.32	.29	.37	.19		10.29
	WIND	158	201	227	226	216	218	216	237	169	148	127	112	91	108	207	230	218	158	136	138	113	208	233	196	189	174	121	116	206	197		5294
	MAX	89	90	89	90	87	80	89	88	87	89	90	89	89	91	86	87	84	84	89	85	92	89	87	85	88	89	90	90	88	83		87.8
	MIN	68	69	68	71	68	69	68	68	68	68	66	66	66	66	68	66	67	68	68	68	68	69	69	68	68	68	68	68	68	68		67.9
* * *																																	
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.52	.39	.40	.45	.25	.39	.31	.38	.38	.41	.33	.27	.22	.22	.32	.35	.35	.30	.35	.25	.32	.42	.30	.40	.33	.28	.33	.25	.28	.34		10.09
	WIND	37	38	41	45	30	44	30	44	34	31	30	33	34	29	39	41	39	41	34	26	36	47	48	37	36	33	35	26	37	42		1097
	MAX	93	95	93	95	87	95	93	95	92	95	92	87	86	92	94	93	91	92	94	88	95	94	93	93	95	96	96	94	90	94		92.7
	MIN	68	69	70	69	68	70	69	69	69	68	68	67	67	68	68	68	69	70	69	68	69	71	70	71	69	70	69	71	70	70		69.0

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.38	.29	.31	.35	.41	.41	.32	.31	.28	.39	.38	.31	.15	.29	.07	.39	.35	.37	.43	.42	.29	.35	.37	.37	.33	.38	.33	.36	.35	.39		10.13
	WIND	184	200	199	213	252	238	192	176	185	168	175	192	213	152	155	165	202	217	222	209	231	235	238	204	202	214	247	188	156	177		6001
	MAX	92	93	90	89	91	89	90	94	91	93	93	91	85	91	91	91	89	90	90	91	86	87	90	91	93	89	92	92	92	90		90.5
	MIN	74	74	74	75	74	73	73	74	74	74	74	75	75	74	74	72	75	74	74	73	74	75	74	75	75	75	75	74	74	74		74.1
* * * WESTERN PACIFIC ISLS NORTH OF 12 N																																	
GUAM WSO	EVAP	.28	.19	.24	.22	.12	.14	.22	.13	.06	.14	.12	.23	.12	.14	.18	.16	.17	.26	.21	.24	.26	.16	.30	.18	.16	.12	.24	.24	.10	.31		5.64
	WIND	69	106	60	82	60	76	54	80	89	117	56	81	69	56	98	83	102	99	49	90	112	61	87	89	66	17	53	75	101	102		2339
	MAX	93	94	92	92	90	89	92	88	88	90	88	90	89	91	85	89	92	94	92	92	89	93	93	92	90	91	95	93	87	89		90.8
	MIN	73	74	74	74	73	73	71	73	72	72	73	72	73	72	71	72	73	73	71	74	74	72	72	73	73	72	72	73	73	72		72.6

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE EASTIN INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	CLOSED 8/10/73
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 23	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		883d	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULIII 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS													
ISLAND OF OAHU													
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200				C	CLOSED 8/10/73
ISLAND OF HAWAII													

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTH-EASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF QL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
□ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
□CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 1/3/74-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ⌅ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

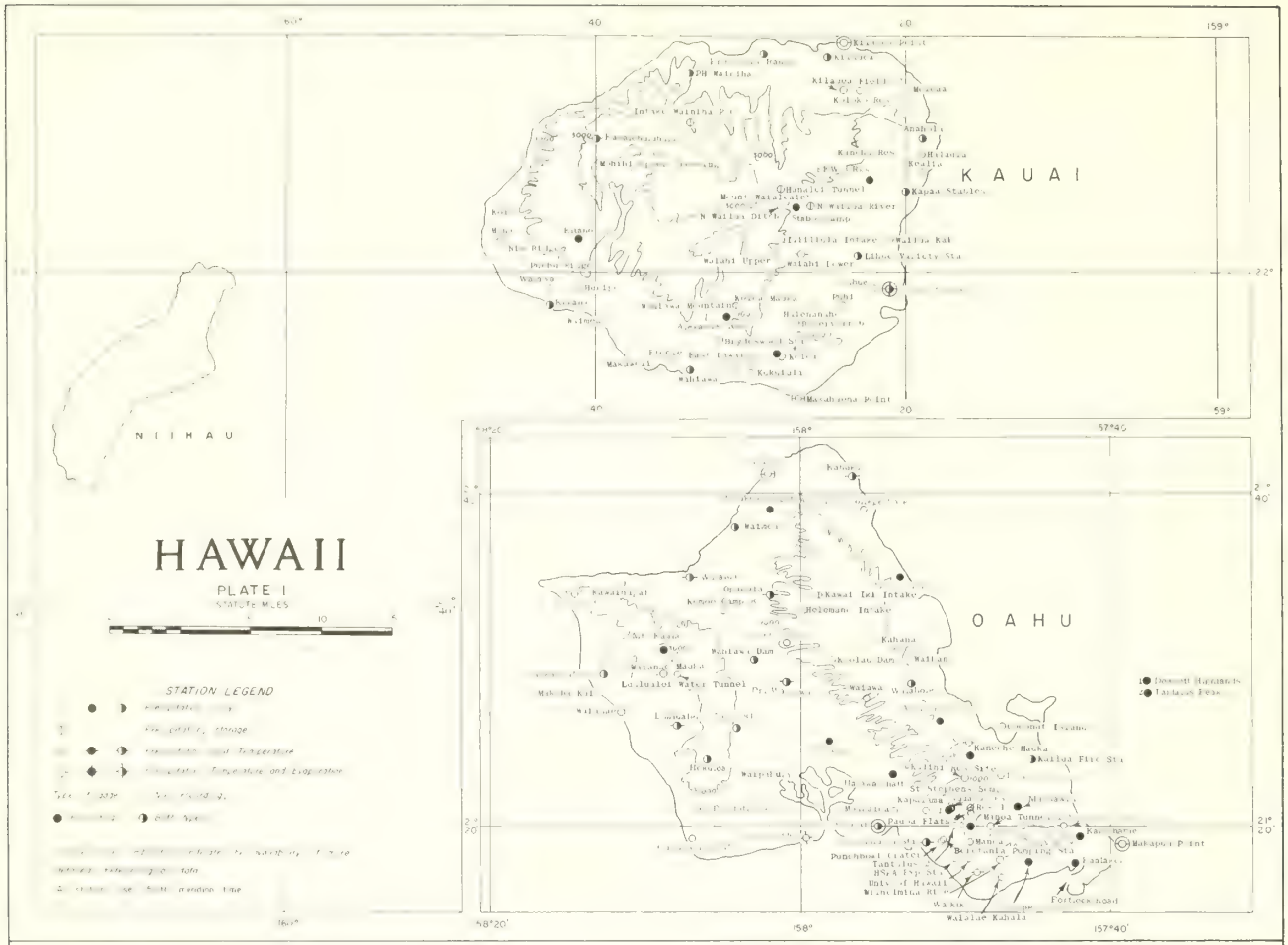
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

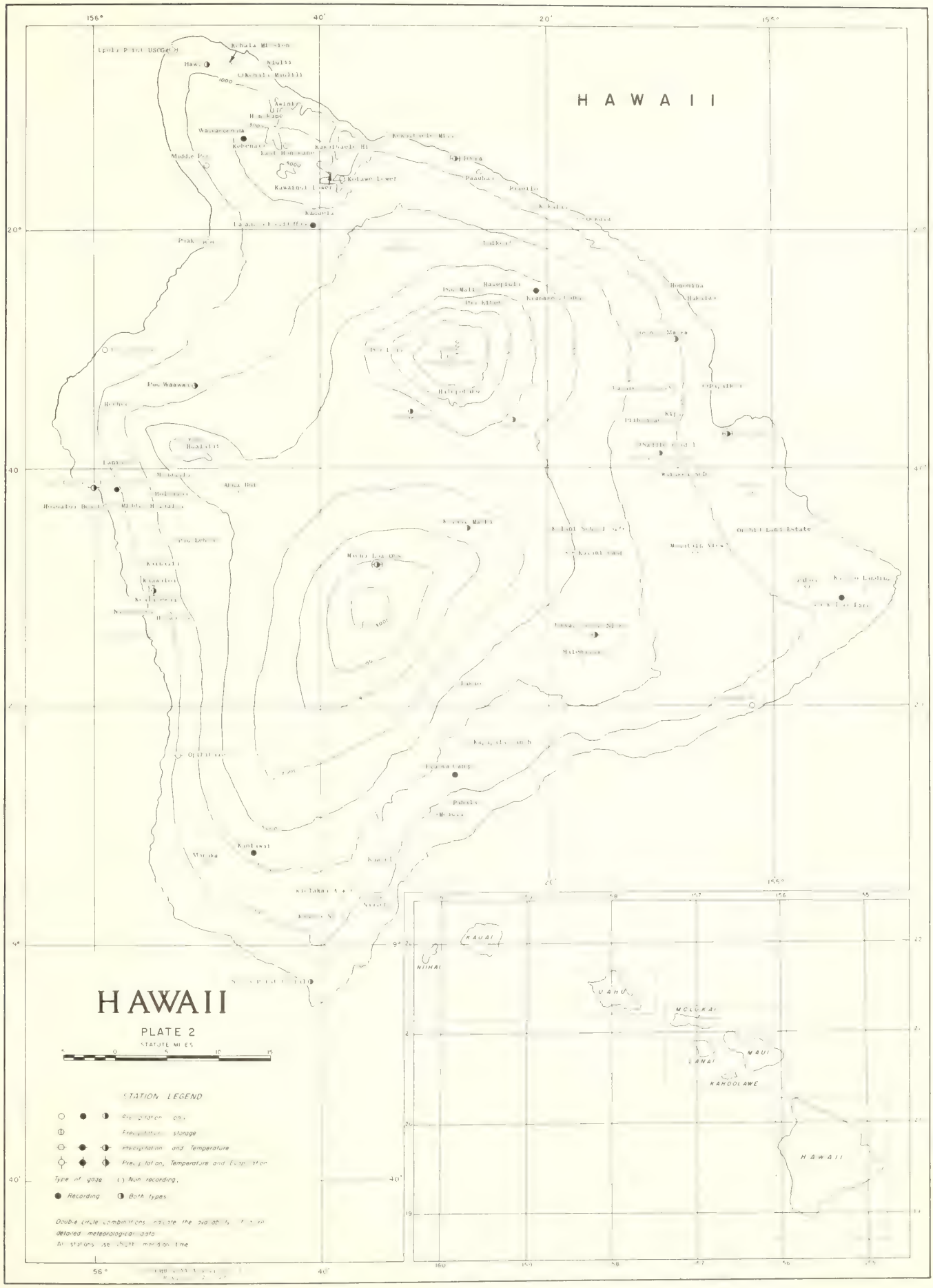
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center


KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
MOLOKAI
LANAI
MAUI
KAHOOLAWE



HAWAII

PLATE 2

STATUTE MILES

STATION LEGEND

Precipitation only

Precipitation and Storage

Precipitation and Temperature

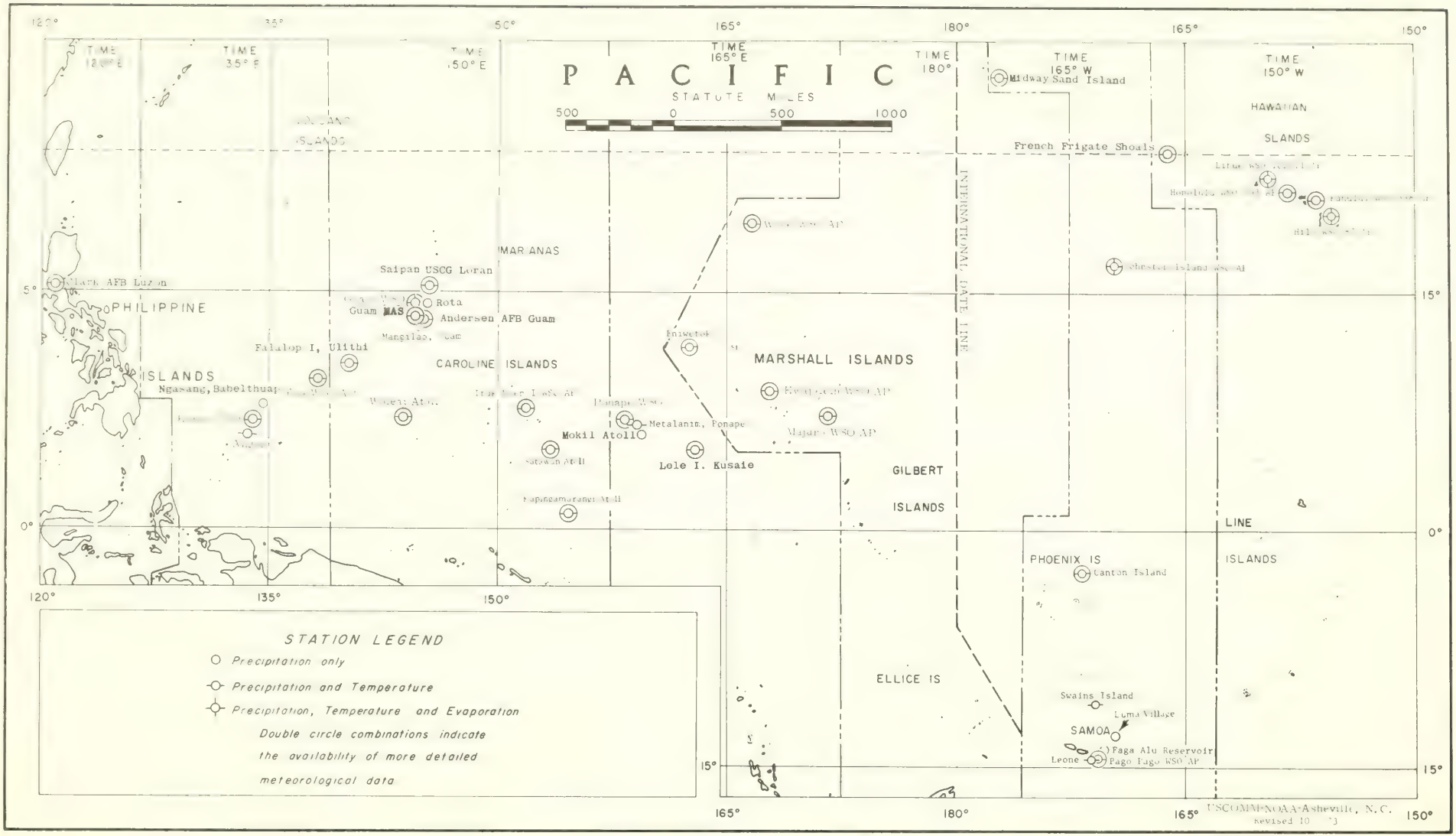
Precipitation, Temperature and Evaporation

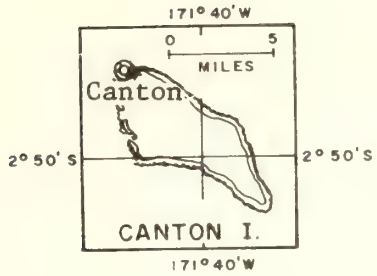
Type of gage ( ) Non recording,

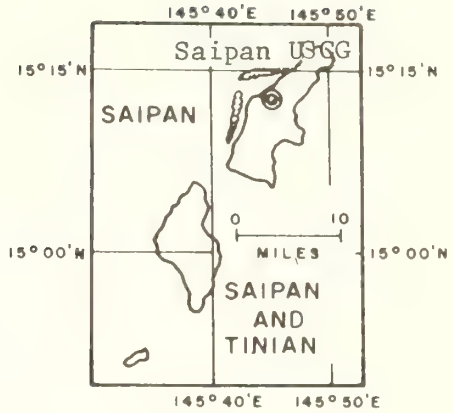
● Recording ◑ Both types

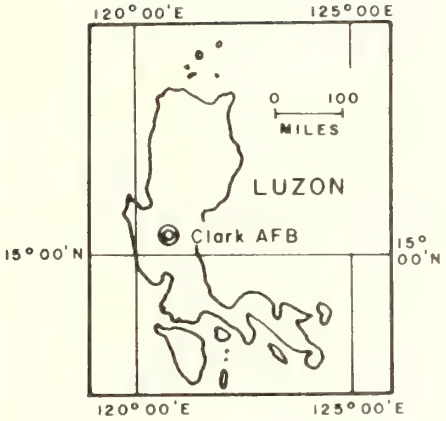
Double circle combinations indicate the availability of more detailed meteorological data

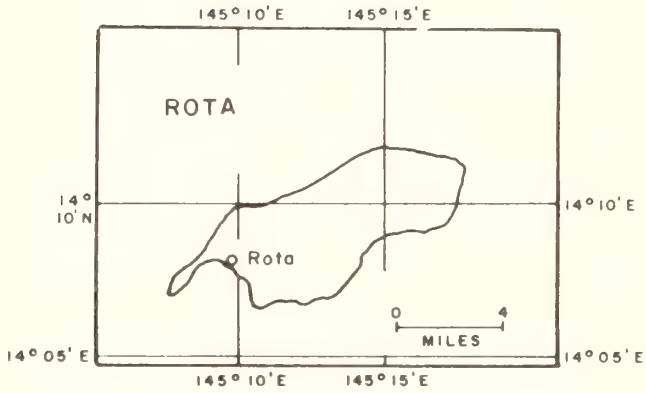
All stations use 150th meridian time

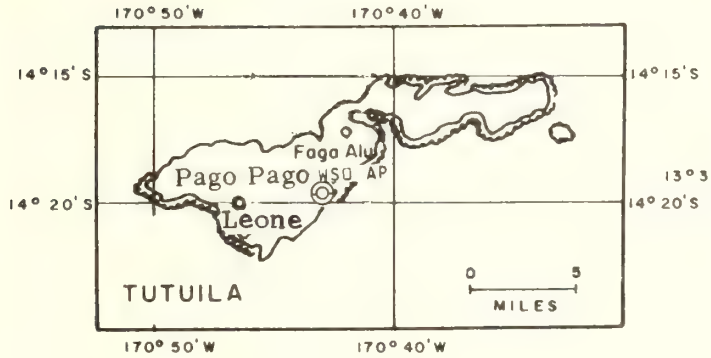

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
Midway Sand Island
HAWAIIAN
SLANDS
French Frigate Shoals
INTERNATIONAL DATE LINE
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE
Guam MAS
Rota
Andersen AFB Guam
Falalop I, Ulithi
CAROLINE ISLANDS
ISLANDS
Ngasang, Babelthuap
Eniwetok
MARSHALL ISLANDS
Majuro WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Lole I. Kusaie
GILBERT
ISLANDS
LINE
ISLANDS
PHOENIX IS
Canton Island
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120°
135°
150°
165°
180°
5°
0°
15°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data
USCOMM-NOAA-Asheville, N.C.

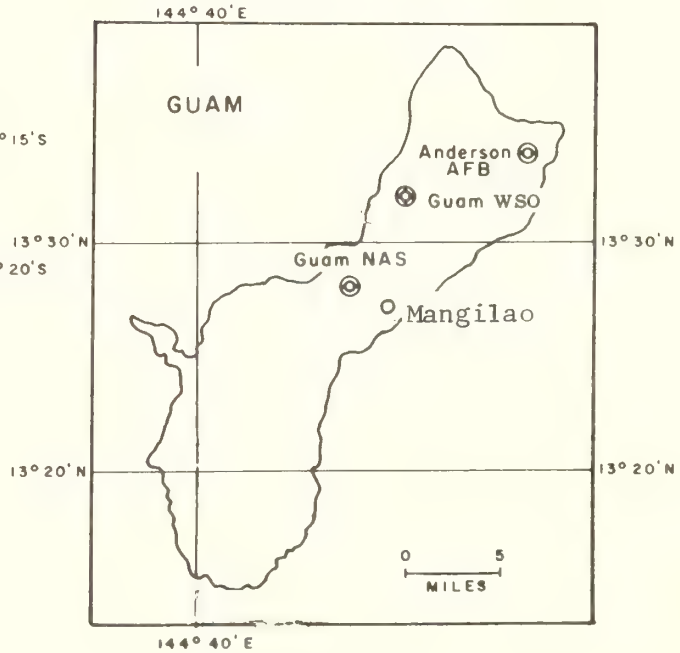

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

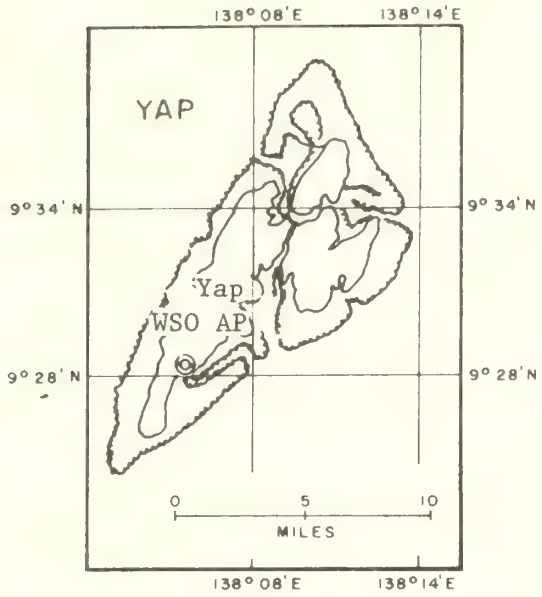

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

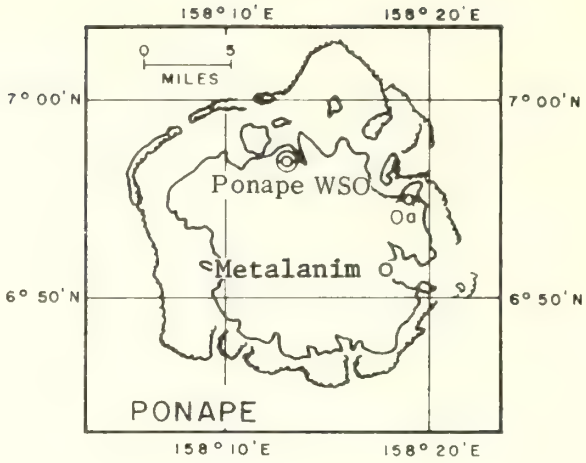

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

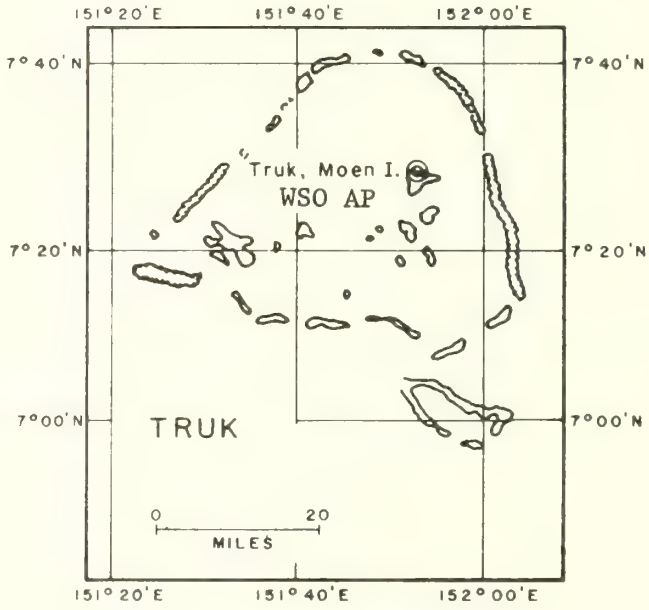

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

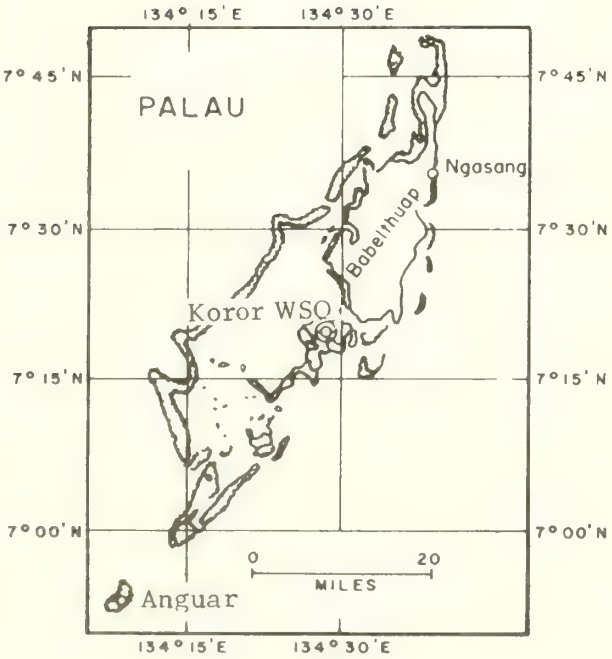

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

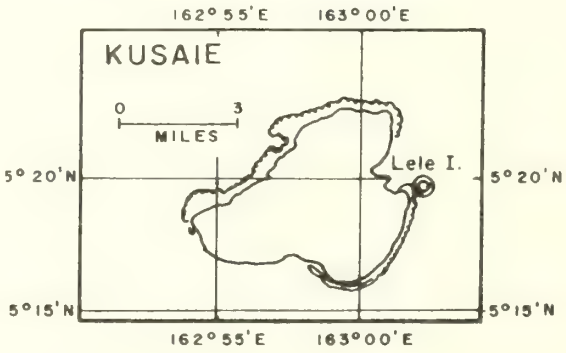
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

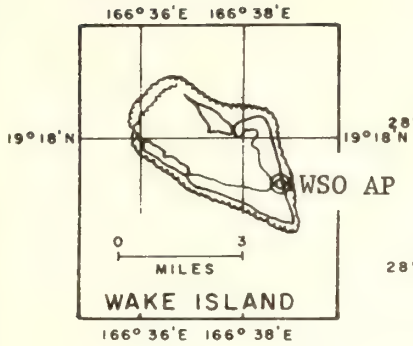

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

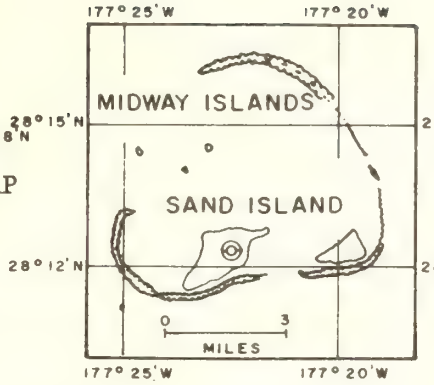

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

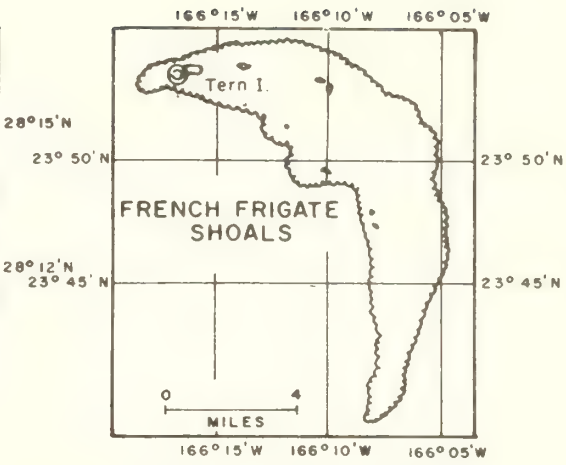

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

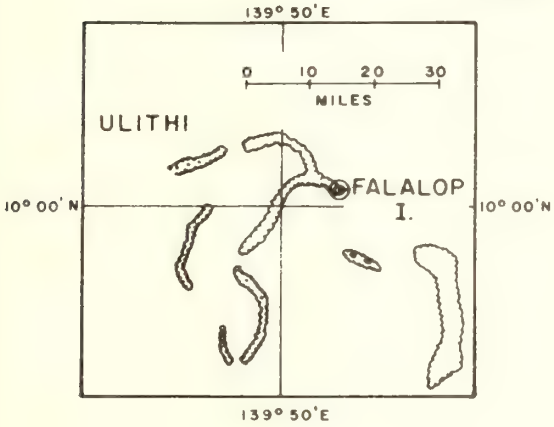

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

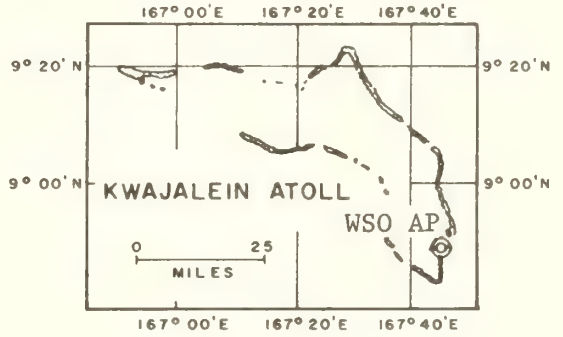
— Reef

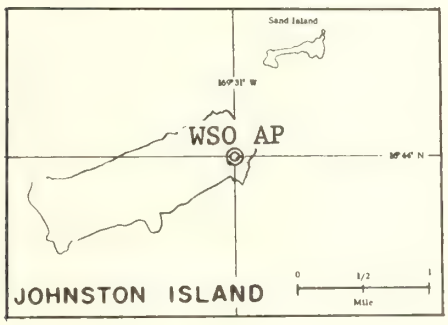

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

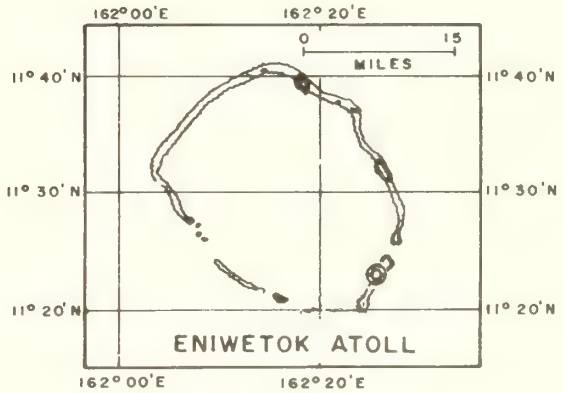

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

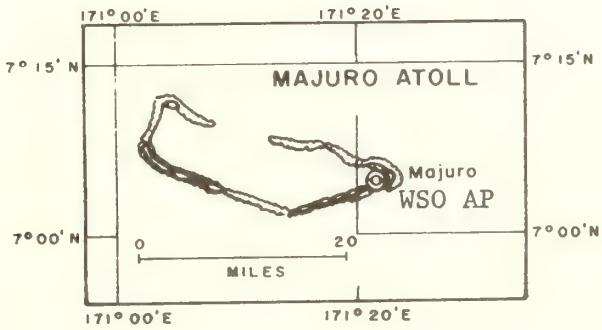

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:
96° ON THE 5TH AT KAHULUI WSO 398 AP, MAUI

LOWEST TEMPERATURE:
32° ON THE 29TH AT HALEAKALA SUMMIT 338.4, MAUI

GREATEST TOTAL PRECIPITATION:
17.70 INCHES AT PAUOA FLATS 784, OAHU

LEAST TOTAL PRECIPITATION:
.00 INCHES AT 4 STATIONS.

GREATEST ONE-DAY PRECIPITATION:
3.85 INCHES ON THE 31ST AT CHURCH COLLEGE LAIE, OAHU

TOBER
1973
LUME 69
No. 10
eville, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature											Precipitation								
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	No. of Days Max. 90° or Above	No. of Days Max. 32° or Below	No. of Days Min. 32° or Below	No. of Days Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Snow, Sleet Total	Snow, Sleet Max. Depth on Ground	Snow, Sleet Date	No. of Days .10 or More	No. of Days .50 or More	No. of Days 1.00 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														3.59	- 1.33	1.04	3	.0	0				1
KANALOH [illegible] 1175		71.7	53.2	62.5		78	6	47	15		0	0	0	0	1.49		.17	3	.0	0		6	0	0
KAPAA STABLES 1104	A														4.73				.0	0				
KILAUEA FIELD 17 1135	A														3.98	- 3.09			.0	0				
KILAUEA POINT 1133		82.8	68.9	75.9		88	4	65	30+		0	0	0	0	2.12		.44	22	.0	0		12	0	0
KOLOA 931	A														6.67	1.36	1.58	18	.0	0				1
LIHUE WSO 1020.1 AP	//R	82.5	73.3	77.9	1.0	85	5+	68	17+		0	0	0	0	5.06	1.03	2.29	3	.0	0		4	3	1
MANA 1026		87.3	65.9	76.6	- .4	89	15+	61	29		0	0	0	0	.11	- 1.94	.11	4	.0	0		1	0	0
N WAILUA DITCH 1051	A														16.90				.0	0				
PH WAIMEA 1115															4.58	- 3.66			.0	0				0
PUEHU RIDGE 1040															.92		.34	3	.0	0		4	0	0
WAHIAWA 930	A														1.90	- 1.12	.39	18	.0	0			0	0
WAIAHI LOWER 1054		81.4	65.2	73.3		87	6	60	17		0	0	0	0	11.25		1.78	20	.0	0		20	6	2
WAIMEA 947															.00	- 1.91	.00		.0	0		0	0	0
ISLAND				73.2											4.52				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		83.9	71.9	77.9		88	5	65	4		0	0	0	0	8.79		3.85	31	.0	0		13	3	2
HONOLULU OBSERV 702.2															.98		.59	14	.0	0		2	1	0
HONOLULU WSO 703 AP	R	86.3	72.5	79.4	1.2	91	5	67	31		1	0	0	0	1.78	- .06	.68	18	.0	0		3	2	0
KANEOHE MAUKA 781		81.5	71.2	76.4	.3	86	6+	67	31+		0	0	0	0	5.22	- .53	1.51	18	.0	0		14	3	1
KOLAU DAM 833	A														11.22	3.42	2.10	14	.0	0		19	9	3
LUALUALEI 804	A	86.9M	69.6M	78.3M		92	8	65	31+		10	0	0	0	.58				.0	0			0	0
MAKAPUU POINT 724		79.4	68.5	74.0		89	3	64	24+		0	0	0	0	.63	- 2.37	.19	14	.0	0		3	0	0
NUUANU RES 4 783															11.66	2.73	3.28	29	.0	0		13	5	4
OPAEULA 870	A	83.9	66.3	75.1	2.7	88	21+	62	17		0	0	0	0	2.80	- 2.05			.0	0				
PALOLO VALLEY 718	R														10.92	.09	2.40	18	.0	0		14	8	4
PRI WAHIAWA 820.2	&	82.8	65.3	74.1		90	8+	62	31+		2	0	0	0	3.80				.0	0				
WAHIAWA DAM 863	&														2.92		.62	30	.0	0				0
WAIAHOLE 837	A														15.93	3.85			.0	0				
WAIALEE 896.3		83.7M	71.0M	77.4M		89	5	67	31+		0	0	0	0	3.50		1.45	14	.0	0		6	2	1
WAIALUA 847	A	84.3	65.9	75.1	- .3	90	6	63	25+		1	0	0	0	1.23	- 1.46	.60	14	.0	0		3	1	0
WAIKIKI 717.2		85.7	70.3	78.0		90	5	66	4		1	0	0	0	.67		.23	14	.0	0		2	0	0
WAIMANALO EXP FARM		84.4	71.8	78.1		87	8+	67	31		0	0	0	0	1.47		.42	14	.0	0		6	0	0
WAIPAHU 750	A														1.93	- .81			.0	0				0
ISLAND				76.7											4.76				.0					
* * *																								
ISLAND OF MOLOKAI																								
KAUAPUU 534	A														.84	- 1.58			.0	0			0	0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														.57	- 1.80			.0	0			0	0
MOLOKAI AP 524		86.5	69.8	78.2		92	7+	64	27		6	0	0	0	1.07		.36	14	.0	0		4	0	0
ISLAND				78.2											.83				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	77.2	64.3	70.8	.1	85	8	61	30+		0	0	0	0	1.23	- 1.72			.0	0				0
ISLAND				70.8											1.23				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														1.66	- 2.63	.58	18	.0	0		5	1	0
HALEAKALA RS 338		64.8	44.5	54.7		80	6	39	23+		0	0	0	0	1.41		.79	16	.0	0		4	1	0
HANA AIRPORT 355		78.7	69.4	74.1		87	11	63	18		0	0	0	0	6.11		.70	18	.0	0		16	3	0
MONOKOHAU 493	A														1.58	- 1.10			.0	0			0	0
KAANAPALI AIRPORT		83.9	70.2	77.1		90	6	66	22+		1	0	0	0	.31		.11	22	.0	0		2	0	0
KAHULUI WSO 398 AP	R	85.6	69.3	77.5	.2	96	5	64	29+		1	0	0	0	.34	- .53	.30	18	.0	0		1	0	0
KAILUA 446		77.8M	66.8M	72.3M	- .4	81	5	64	19+		0	0	0	0	7.15	- 2.17	1.78	18	.0	0				1
KEANAE 346	A														11.40	- 3.95			.0	0				
KIPAHULU 95R															5.79	- 2.51	1.40	16	.0	0		16	4	1
KULA SANATORIUM 267		73.8	58.5	66.2	.0	78	8+	54	24		0	0	0	0	1.67	- .59	1.49	14	.0	0		1	1	1
LAHAINA 361		87.8	68.1	78.0		93	5	66	28+		2	0	0	0	.07	- .93	.06	14	.0	0		0	0	0
PAIA 406															.87	- 1.29	.32	18	.0	0		2	0	0
WAIOKU 386	A	82.3M	70.0M	76.2M	- .8	87	8	67	31+		0	0	0	0	.71	- 1.15	.37	18	.0	0			0	0
ISLAND				72.0											3.01				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		81.1	68.3	74.7	.7	88	5	65	22+		0	0	0	0	5.34	.09	2.69	19	.0	0		9	2	1
HAWAII VOLCNS NP HC 54		69.0M	54.1M	61.6M	- 1.3	74	3	51	3		0	0	0	0	5.11	- 1.77	.99	16	.0	0			2	0
HILO WSO 87 AP	R	83.0	68.6	75.8	.7	89	4	65	18		0	0	0	0	9.72	- 1.08	1.37	18	.0	0		22	6	2
HUEHUE 92.1	A														1.31	- 2.28			.0	0				0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	1.00 or More
KAINALIU 73.2		78.8	63.1	71.0		81	26+	60	22+		0	0	0	0	8.39	2.19	3.21	15	.0	0		10	4	3
KEAAU 92		80.3	66.2	73.3	- 1.1	87	5	64	21+		0	0	0	0	10.81	- 1.57	1.80	16	.0	0		23	8	2
KEALAKEKUA 26.2		M	M	M							0	0	0	0					.0	0				
KONA (KAILUA) 68.3	A	85.0M	70.3M	77.7M		89	5	67	29		0	0	0	0	2.43		.83	2	.0	0			2	0
KUKUIHAELE HIC 199															4.97	- .97	2.25	19	.0	0		9	3	1
KULANI CAMP 79		63.8	48.5	56.2		69	5	44	26+		0	0	0	0	4.18		.55	16	.0	0		14	1	0
PAHALA 21	A	81.1M	63.9M	72.5M	- .7	86	3	61	22+		0	0	0	0	1.46	- 2.55	.40	17	.0	0		5	0	0
POHAKULOA 107	A														.86				.0	0				0
PUAKO 95.1	A	85.1	70.0	77.6		88	8	65	18		0	0	0	0	.54		.35	14	.0	0		2	0	0
PUU WAAWAA 94.1	A														.17	- 2.71			.0	0			0	0
UMIKOA 118															3.36	- 1.59	1.27	19	.0	0				1
WAIAKEA SCD 88.2															12.06		1.56	19	.0	0		22	9	4
ISLAND				71.2											4.71				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature								No. of Days				Precipitation				Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	.50 or More	1.00 or More
PACIFIC																								
* * * EAST OF 180TH MERIDIAN																								
CANTON ISLAND	R	89.9	75.9	82.9	- .8	92	28+	73	2		20	0	0	0	.20	- .90	.18	22	.0	0		1	0	0
FAGA ALU RESERVOIR															30.61		4.36	10	.0	0		27	20	8
JOHNSTON WSO AP	R	83.2	76.3	79.8	- 1.1	85	31+	70	17		0	0	0	0	2.29	- .98	1.19	13	.0	0		4	1	1
LEONE		86.0	71.9	79.0		90	27+	67	15		4	0	0	0	17.31		2.10	20	.0	0		21	12	8
FRENCH FRIGATE SHOALS		84.1	72.1M	78.1M		88	1	67	30		0	0	0	0	5.31		1.63	4	.0	0		7	4	2
LUMA VILLAGE															37.67		6.90	10	.0	0		24	15	10
MIDWAY SAND ISLAND		79.4	69.8	74.6		84	22+	65	11+		0	0	0	0	4.37		.94	19	.0	0		9	4	0
PAGO PAGO WSO AP	R	83.2	74.4	78.8		86	29+	67	14		0	0	0	0	16.19		2.73	10	.0	0		18	10	9
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC IS., NORTH OF 12 N.																								
ANDERSEN AFB GUAM		84.5	77.4	81.0		87	24+	75	27+		0	0	0	0	20.88		5.04	5	.0	0		21	11	7
CLARK AFB LUZON		86.5	74.3	80.4		90	28+	72	30+		6	0	0	0	16.54		5.30	16	.0	0		11	7	4
GUAM NAS		85.8	76.9	81.4		89	22+	74	27+		0	0	0	0	15.55		3.20	5	.0	0		18	10	7
GUAM WSO	R	85.3	72.1	78.7	- .6	88	19+	67	20		0	0	0	0	17.82	4.72	4.23	5	.0	0		21	12	6
MANGILAO															15.21		1.72	24	.0	0		21	12	4
ROTA																			.0	0				
SAIPAN USCG LORAN		87.6M	75.3M	81.5M		95	2	72	30+		1	0	0	0	9.36		1.48	12	.0	0		16	7	1
WAKE WSO AP	R	87.3	74.8	81.1	- .5	90	13+	70	21		6	0	0	0	2.73	- 2.54	.41	10	.0	0		10	0	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															25.34		4.35	3	.0	0		19	15	9
ENIWETOK		88.5M	75.9M	82.2M	- .8	93	20	71	4		4	0	0	0	8.66	- .43	1.26	11	.0	0		17	7	2
FALALOP I., ULITHI		85.5M		M		89	20				0	0	0	0	12.20		2.37	27	.0	0		15	7	5
KAPINGAMARANGI ATOLL		87.3M	74.9M	81.1M		91	24	71	18+		3	0	0	0	.01		.01	17	.0	0		0	0	0
KOROR WSO	R	88.2	75.5	81.9	.7	92	17	72	11		11	0	0	0	19.14	6.05	4.52	2	.0	0		19	8	6
KWAJALEIN WSO AP	R	86.1	76.9	81.5	- .4	88	16+	73	26+		0	0	0	0	11.45	.57	1.91	7	.0	0		18	7	5
LELE I. KUSAIE		86.5M	73.8M	80.2M		90	15+	66	9		2	0	0	0			4.58	10	.0	0		16	8	2
MAJURO WSO AP	R	84.5	76.4	80.5	.0	87	17	73	5		0	0	0	0	13.79	- 1.38	2.75	6	.0	0		17	7	4
METALANIM		87.5	74.1	80.8		90	15	70	13+		1	0	0	0	15.69				.0	0				
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															17.63		5.40	4	.0	0		16	10	5
PONAPE WSO	R	87.8	73.0	80.4	.7	91	21+	70	12		12	0	0	0	21.32	5.35	5.23	29	.0	0		17	12	6
SATAWAN ATOLL															12.21		1.76	6	.0	0		18	10	4
TRUK, MOEN I. WSO AP	R	87.1	74.9	81.0	.4	89	18+	72	20		0	0	0	0	21.16	7.71	3.71	20	.0	0		18	12	9
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	85.8	74.2	80.0	- 1.6	88	31+	72	7+		0	0	0	0	14.92	1.73	2.33	2	.0	0		20	10	5

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
• • • ISLAND OF KAUAI																																	
ANAHOLA 1114	A	3.59	.62	.03	1.04	.10		*	*	.15			.21	.03	*	*	.30			.4	.2	*	*	.13	.37		.11	.03	*	*	.8		
BRYDESWOOD STA 985	A	4.25	.78	.11	.32	.10	.02	*	*	.94	.05	.05	.12	.07	*	*	.13	.07	.2	.43		*	*	.3	.05	.04	.19	.05	*	*	.29	T	
EAST LAWAI 934	A	5.41	.84	.03	.11	.09	.25	*	*	.68	.04	.02	.78	.3	*	*	.44	.02	.32	.2	T	*	*	.16	.30	.01	.9	*	*	.29	.5	T	
ELEELE 927	A	1.31	.20		.10	.06	.04	*	*	.16	.01		.04	.02			T			.2		*	*				T	.3	*				
HALAULA 1110	A	3.36	.57	.05	.47	.18		*	*	.13			.35	.03	*	*	.31			.45	.02	*	*	.16	.44		.05	.04	*	*	.5		
HALENANAHO 1006	A	9.52	1.22	.12	.46		.03	*	*	.64	.11	.11	.43	.18	*	*	.52	.43	.35	1.74	.45	*	*	1.50	.34		.18	.4	*	*	.14	.2	.4
HUKIPO 945		.00																															
ILILILULA INTAKE 1050	A	17.22	2.70	.34	.52	.04		*	*	1.40	.13	.03	.43	.31	*	*	2.97	.48	.3	1.7	.3	*	*	.4	.47	.3	.33	.15	*	*	.1	.33	.4
INTAKE WAINIHA PC 1086	A	7.07	.74	*	*	*	*	*	*	1.64	*	*	*	.62	*	*	.92	*	*	*	.42	*	*	.45	*	*	*	*	*	*	.6	*	*
KANALIHULIHULI 1075		1.49	.08		.17	.09	.04			.10			.08	.04	.13		.05			.13	.01		.04	.04	.4		.06		.4	.1	.12	.06	
KANEHA RESERVOIR 1092	A	8.03	.87	.15	.33	.27		*	*	.55			.36	.23	*	*	1.15	.05		1.90	.50	*	*	.43	.59	.2	.27	.06	*	*			.2
KAPAA STABLES 1104	A	4.73	1.00	.13	.45	.20		*	*	.25	.04	.02	.35	.30	*	*	.45		.10	.55	.09	*	*	.30	.20		.8		*	*	.05		.2
KEALIA 1112	A	3.81	.85	.10	.56	.20		*	*	.11			.42	.09	*	*	.40			.54	.01	*	*	.1	.26	.02	.7	.04	*	*	.2		.2
KEKAHA 944		.20				.17									.03																		
KILAUEA 1134	A	3.06	.58	.11	.01		.01	*	*	.21	.01		.04	.10	*	*	.36				.03	*	*	.17	.32	.9			*	*		.09	
KILAUEA FIELD 17 1135	A	3.98	*	*	*	*	.57	*	*	*	*	*	*	.40	*	*	*	*	*	*	.1	*	*	*	*	*	*	.35	*	*	*	*	*
KILAUEA POINT 1133		2.12	.02					.02	.10			.03	.02	.17	.18	.04	.10		.10	.15	.10	.14		.44	.15	.05			.1	.5	.1	
KOLO 1033		.05											.01			.04																
KOLOA 936	A	6.67	.92	.12	.09	.03	.13	*	*	.60	.02	.02	.36	.18	*	*	.49	.18	.3	.58		*	*	.3	.31		.3	.5	*	*	.23		.2
KOLOA MAUKA 994	A	9.76	1.52	.06	.32	.04	.03	*	*	1.10	.16	.29	.32	.22	*	*	.59	.20	.41	1.68	.12	*	*	1.06	.30	.1	.43	.1	*	*	.7	.02	.4
KOLOKO RES 1137	A	4.37	*	*	*	*	.77	*	*	*	*	*	*	.37	*	*	*	*	*	*	1.16	*	*	*	*	*	*	*	*	*	*	*	*
KUKUIOLA 935	A	3.05	.18		.10	.04	.22	*	*	.24	T		.11	.06	*	*	.19	.08	.15	.1		*	*	.2	.13		.10	.2	*	*	.4		.2
LIHUE VARIETY STA	A	6.76	.58	.08	.53			*	*	.54	.06	.06	.23	.44	*	*	.30	.12	.02	1.33	.3	*	*	.24	.54	.1	.10	.2	*	*	.10		.3
LIHUE 1020	A	-	.74	.02	1.24		.08	*	*	.32	.05	-	.02	.04	*	*	.14			.76	.2	*	*	.4	.4	.4	.1						.2
LIHUE WSO 1020.1 AP	//R	5.06	.01	T	2.29	.12		.03	.19	.14	.03	.24	.01	T	T	.15		T	.7	.8	.4	.03		.10	T	.01	T		*	.01			
MAKAHUENA POINT 940.1		2.47	.93	.03	.09	.13	.01		.04	.17	.05	.06	.05	.04	.01	.03	.01	.02	.04	.10	.14	.20	.5		.05	.04	.9		.05				.2
MAKAWELI 965	A	.51	.02		.14	.07				.02			.02							.13			.03		.01				.05				.1
MANA 1026		.11				.11																											
MOHIHI UPR CROSS 1083	A	2.31	.07			.07			.30	.07		.07	.07	.07	.22				.07	.22			.05	.04		.13		.9	.45	.04		.2
MOLOAA 1145	A	2.74	.36		.58			*	*	.08			.05	.07	*	*	.32			.4	.05	*	*	.1	.39	.03	.03		*	*	.1		
MOUNT WAIALEALE 1047	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NIU RIDGE 1035		.25	.08			.07											.25																
N WAILUA DITCH 1051	A	16.90	1.80	.37	1.20	.05		*	*	1.54	.11	.10	.83	.97	*	*	1.44	.79	.15	1.8	1.08	*	*	.2	.7	.1	.28	.12	*	*	.7	.73	.2
PH WAINIHA 1115		4.58	.73	.07		*		*	*	.61	.01		.18	.06	.46	*	.15			.42	.51	*	*	.49	.15	.03	.15	.7	*	*	.12	.2	
PRINCEVILLE RANCH 1117		3.71		.18				*	*	.44		.12	.15	.10	*	*	.44	.01		.34	.47	*	*	.14	.27	.09	.15	.02	*	*	.27	.28	
PUEHU RIDGE 1040		.92	.10		.34	.10											.30															.8
PUHI 1013	A	8.81	.77	.03	1.10	.14	.09	*	*	.65	.19	.30	.25	.22	*	*	.38	.04	.05	.6	.83	*	*	1.08	.16	.04	.10		*	*	.4		.2
RESERVOIR 6 1004	A	9.95	1.15	.24	.31	.11	.02	*	*	.86	.12	.39	.28	.27	*	*	.61	.4	.2	1.7	.47	*	*	1.28	.28	.19	.28		*	*	.15	.4	.3
WAHIAWA 930	A	1.90	.21		.03	.30	.01	*	*	.23	T		.13	.01	*	*	.02			.39				.1			.01	.08	*	*	.1		.2
WAIAHI LOWER 1054		11.25	.33	.52	.90	.04			.09	.87	.05	.08	.35	.67	.37	.38	.44	.44	.39	1.4	.3	1.78	.16	.1	.3	.24	.7	.4	.24	.3	.34	.3
WAIAHI UPPER 1052		11.95	.25	.55	.58	.15		.39	.45	.49	.15	.02	.35	.45	.47	.69	.65	.35	.02	1.35	.55	1.1	.85	.02	.5	.25	.31	.4	.3	.20	.02	.19	.2
WAIAWA 943		.29				.17												.1							.02								
WAILUA KAI 1065	A	4.38	.49	.02	.76	.72	.07	*	*	.18	.05		.17	.12	*	*	.07	.06		.54	.21	*	*	.12	.47	.06			*	*	.05		.2
WAIMEA 947		.00																															
WEST LAWAI 931	A	3.20	.50	.05	.14	.26	.05	*	*	.40	.01	T	.18	.03	*	*	.24	.02	.23	.57	.01	*	*	.02	.07	T	.08	.1	*	*	.07		.2
• • • ISLAND OF OAHU																																	
BERETANIA PUMPING STA		1.03	.06	.02					.02		.04		.01			.04			.6	.5			.04		.1		.3					
CAMPBELL IND PK 702.5		.29								T						.13			.2	.8												
CAMP 84 807	A	2.52	.26				.5	*	*	.05	*	*	.03	*	*	*	1.12	*	.1	.8	.17	.15	*	*	.26	.06	*	.01	*	*	.03	.20	
CHURCH COLLEGE LAIE		8.79	.07	.13		.35			.27	.23			.08	.01	.42	1.4	.04	.27	.25	.9	.15	.10	.05	.1		.4	T	T	.2	.9	.3	3.8
COCONUT ISLAND 840.1		3.13	.05	.02	.08		.06		.02	.08			.11	.04	.10	1.18		.04	.17	.8	.01			.3	.1							.3
EWA PLANTATION 741		.74							*	.04							.35		.03	.25		*	*	.04	.02					.01		
HELEMANO INTAKE 881	A	5.25	.59	*	*	.06	*	*	*	.36	*	*	*	*	*	*	1.77	*	*	1.45	*	*	*	.44	*	*	.12	*	*	*	.06		
HOKULOA 725.2	A	2.60	*	*	*	*	*	*	.16	*	*	*	*	.32	.76	*	.05	*	*	*	.85	.24	.15	*	*	*	*	*	*	*	*	*	.2
HONOLULU OBSERV 702.2		.98	.01													.58			.0	.29			.02	T	.01							
HONOLULU WSO 703 AP	R	1.78	.04					.01	T	T		T	T	T	.31	.56		.07	T	.68		T	.04	.06		T	T	T	.01		T		
HONOLULU SUBSTA 704	R	1.18						.01	.01					.18	.26			.11		.54		.07											
H S P A EXP STA 707		1.81	.08	.02					.02	.07			.08	.01	.03	.43	.02		.18	.53	T	.01	.03	.22	.03		.04	.01					
KAENA POINT 841.3		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.62	*	*	*	*	*	*	*	*
KAHANA 883	A	33.12	5.81	*	*	*	*	*	*	2.35	*	*	*	*	*	*	9.80	*	*	*	*	*	*	14.20	*	*	*	*	*	1.16	*	*	*
KAHUKU 912	A	5.22									.36				.40				.02	.46					.06			.13			.04	.03	3.7
KAILUA FIRE STA 791.3		1.61	.05		.06			.02	.05	.07				.18	.08	.67	.05	T		.10	.02	.1	.03			.07					.06		
KALIHI RES SITE 777	R	11.14	.06	.04			.04	.02	.42	.08		.06	.36	.02	1.78	1.42	.08	.68	.2	3.04	.24	.46	.14	.52	.02					.6	.3	.6	
KANEOHE MAUKA 781		5.22	.30	.10	.18			.05		.50	.03		.10	.22	.15	.58	.20	.27	.38	1.51	.07	.14	.03	.17	.09						.03	.3	.2
KAPALAMA 773	A	4.20	.60										.22		*	*	1.20		.33	.76	.10	*	*	*	.51			.9	*	*	.3		
KAWAIHAPAI 841	A	1.13	.05	.03				*	*	.01					*	*	.51		T	.35		*	*		.07	.03					T		
KAWAI IKI INTAKE 880.2	A	6.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.6	*	*	*	*	*	*	*	*	*	*	*	*
KEMOO CAMP 8 855	A	2.20	.18	.03				*	*	.02	.0		.01	*	*	*	.48		.4	.46		*	*	.19					*	*	.2		
KOOLAU DAM 833	A	11.22	.22	.07	.71				.53	1.10	.03		.41	.08	1.10	2.10	.08	.27	.6	.98	.15	.3	.18	.20	.22	.3	.53	.16	.2	.3	.8	.82	
LUALUALEI 804	A	.58			.05				*	.03				*	*	.40		.07				.1	*	*	.02								
LUALUALEI WTR TUNNEL	A	3.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.64		.02	.03									.42					.11	.06			T				T						
MAKAHA PUMP 800.2	A	.60							.01					.55					.0												.02		
MAKAPUU POINT 724		.61	.01							.12			.02	.01	.02	.19		.01		.05	.0			.16			.01		.01				
MANOA 712.1		5.04	.24							.31			.25	.12	.11	1.38			.27	.74	.21	.42	.1	.71	.07				.02	.03	*		
MANOA TUNNEL 2 716	R	13.80	.30	.02				.04	.86	.08		.28	.52	.04	3.00	1.44	.28	.68	.04	3.04	.98	*	*	*	*	2.06					1.04	.10	
MOANALUA 770		2.48	.09						*	.12			.01	*	.06	.70			.87	*	.06	.2	*	*	.33		*	.4		.02	.02	.8	
NUUANU RES 4 783		11.66	.04					.04	.34				.32		1.52	1.67	.18	.84	.12	2.30	.14	.3	.14	.6		3.75					.2	.28	.08	
NUUANU RESERVOIR #5	A	7.68	.07	*	*	*	*	*	*	*	.38	*	*	*	*	*	2.30	*	*	*	*	*	*	*	*	T	*	*	*	*	*	.1	.18	
OPAEULA 870	A	2.80	.04	T				*	*	.04			T		*	*	1.50	T	.08	.20	T	.2	.04	.06	T							.2	.9	
PALI GOLF COURSE 788.1		4.65	.02	.08	.02	.03			.08	.12			.15	.10	.17	2.05	.02	.14	.25	.9	.02		.07	.28		.03			.03	.02	.02	.05	
PALOLO VALLEY 718	R	10.92	.20	.04					.46	.08	.02	.36	.50	.04	1.74	1.82	.26	.7	.1	2.40	1.00	.5	.2	.6	.2						.34	.7	.3
PAUOA FLATS 784	R	17.70	.26	.02				.06	.86	.14	.02	.12	.42	.06	2.44	2.46	.64	1.30	.12	3.68	.48	.38	.3	.64	.2	.16	.2	.4	.2	.4	.14	.4	.2
PORTLOCK ROAD 724.4		1.34							.09	.17			.12		.02	.5				.38			.04	.3						.01		
PRI WAHIAWA 820.2	A	3.80	.49						*	.15	.03				*	*	1.13		.43	.3	.24	*	*	.18	.7		.01	T	*	*	.23	.3	
PUNCHBOWL CRATER 709	A	1.99	.11	.03					.04	.09			.05	.01	.03	.65			.2	.4	.07	.2	.05	.09	.5		.3		.2	.2			
ST STEPHENS SEM 788		4.61	.06				.05	.02	.05	.18	T		.03	.08	.24	1.92	.16	.06	.29	.75	.2	.18	.3	.2						.2	.22	.16	
TANTALUS 2 780.5		8.86	.58	.06				.02	.12	.63	.07		.28	.10	.23					4.3	.2	.18	.2	.77	.1	.2	.2	.3			.16	.5	.4
UNIV OF HAWAII 713	A	1.95	.23	.04				*	*	*	.13	T	.13	T	*	*	.61		.08	.25	T	*	*	*	.4	*	.5		*	*	.2		
UPPER WAHIAWA 874.3		4.54	.23						.09	.22	.10		.03		.23	.78	.76	.1	.35	.3	.10	T	.04	.10	.32		.8	.1			.5	.04	.2	
WAHIAWA DAM 863	A	2.92	.28	.03				*	*	.18	T		.02		*	*	.41		.27	.45	.1	*	*	.16			.2				.1	.2	
WAIAHOLE 837	A	15.93	1.58	.10	.03		*	*	*	.46			.13	.45	*	*	5.20	.40	1.5	2.14	1.4	*	*	1.8	.8		.3	.2	*	*	.8	.1	
WAIALAE KAHALA 715		1.04	T	.04					.02	.10			.06			.6	T		.1	.27	T	*	*	.1	T						.2		
WAIALEE 896.3		3.50	.05	.03					.07	.18			*	.02	.58	1.4	.04	.5	.0	.30	.3	.1	.1	.7	.3		.8				.4		
WAIALUA 847	A	1.23	.01	.03	T					T			.01	T	.02	.60	.21		.0	.22	T		.02	.04	.1						.2		
WAIANAE 798.2	A	.68			.04					T						.44	T		.0	.09				T	T								
WAIANAE MAUKA 803	A	4.14	*	*	.46	*	*	.56	*	*	*	.34	*	*	.52	*	*	*	.6	*	*	.85	*	*	*	*	.7	*	.42	*	*	*	.4
WAIAWA 830	A	11.45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.32	*	*	*	*	*	.38	*	*	.4
WAIKANE 885	A	21.30	3.90	*	*	*	*	*	*	1.30	*	*	*	*	*	*	6.40	*	*	*	*	*	*	*	9.32	*	*	*	*	*	*	*	*	
WAIKIKI 717.2		.67	T	T					T	.03			.01			.23			.2	.09		T	T	.5	T		.1						
WAIMANALO EXP FARM		1.47	.02						.03	.06			.21			.42	.10		.2	.2		.2		.14									
WAIMEA 892	A	4.81	.68	.15				*	*	.30	.04		.02	.03	*	*	1.65	.01	.3	.3	.04	*	*	.17	.35		.05	.9	*	*	.10	.44	
WAIPAHU 750	A	1.53	.10					*	*	.04					*	*	.72		.0	.68	.02	*	*	.06					*	*	.03	.2	
WILHELMINA RISE 721	R	1.76	.16	.04				.04	.08				.04		.32	.48		.2		.20		.8	.1	.16	.02	.02	.02						

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																	
ISLAND OF HAWAII																																
[illegible]	Δ	.68													.41	.13					.45	.38	.20			.06	.03				.01	
[illegible]	Δ	.27															.07															
[illegible]	Δ	.82	*	*	*	*	*	*	*	*	*	*	*	*	*	.82	*				*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	.84								T			.01		*	*	.16	*	*	*	.01	*	*	.19	.11		*	*	*	.18		.01	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNA LOA	Δ	.57	.01		.11										*	*	.10												*	.18		.03	
[illegible]	Δ	.07	.06		*				T	T			.01			.36				.05	T		.10	.13	.03	T			.09	.22	T		
[illegible]	Δ	2.92		.01	.1	*	*	*	*	.15	.01		.12	.19	*	*	.60	.11	*	*	.82	*	*	*	.76	.01	.05		*	.08			
[illegible]	Δ	4.83	*	*	*	*	*	*	*	.37	*	*	*	*	*	*	.89	*	*	*	*	*	*	*	2.92	*	*	*	*	.65	*	*	
* * *																																	
ISLAND OF LANAI																																
[illegible]	Δ	.59												*	*	*	*	*	.40	*	*	*	*	*		.15							
[illegible]	Δ	.42													*	*	.38												*	.04			
LANAI CITY 672	Δ	1.23			T							T		.13	*	*	.70		.04	.01	.24	*	*	.08						T	.03		
[illegible]	Δ	2.18	*	*	*	.10	*	*	*	*	*	*	.30	*	*	*	*	*	1.20	*	*	*	*	*	*	*	.43	*	*	*	*	.15	
[illegible]	Δ	.74													*	*	*	*	.57	*	*	*	*	*	*	*	.18						
[illegible]	Δ	.07												*	*	*	*		.60														
[illegible]	Δ	.48	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30
* * *																																	
ISLAND OF MAUI																																
[illegible]	Δ	.39	*	*	*	.10	*	*	*	*	*	*	*	*	.01	.25	.05	*	*	*	.10	*	*	.08	*	*	*	*	*	.15	*	*	
[illegible]	Δ	1.66							.02	.03	*			.05	.01	.25	.03	.30	.03	.58	.10	.03	.04		.02					.15	.02		
[illegible]	Δ	.53	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.14	.05	*	.34	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	.41	.02	T	T					T						.16	.01	.79	T	.22	.15	.02								T	T	T	.04
[illegible]	Δ	.97													*	*	.22	.44		.05	.12								*	*	.04	.10	
[illegible]	Δ	.94	.05						*	.01				.02		*	.13			.02	.53				.02				*	.16			
[illegible]	Δ	2.44	.10						T	.05	.08		.08	.13	.07	.22	.07			.47	.30	T	.03	.20	.18	.06	.02	.03	.19	.08	.04	.04	
[illegible]	Δ	4.98	.18	.02	.01	.01			*	.22	.01	.03	.26		.25	*	.60	.82	.19	.28	.32	1.20	*	.07	.11	.02		.03	.07	*	.06	.15	.07
[illegible]	Δ	6.11	.26	.24		.04	.03	T	.11	.26	.07		.43	.33	.08	.23	.45	.69	.20	.70	.43	.59	.16	.22	T	.06	.08	.01	T	.09	.21	.08	.06
[illegible]	Δ	7.07	.31					.04	.09	.12	.04		.09	.31	.06	.43	.52	1.70	.72	.64	.17	*	1.30	.08			.15	.07	.04	.09	.08	.08	.04
[illegible]	Δ	.68	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.68	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	10.82	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.82
[illegible]	Δ	1.58	.10						*	.06	*	*	.07	.17	*	*	.47	.04	*	.05	.06	*	*	.40		.03	.02	*	*	*	.11			
[illegible]	Δ	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00
[illegible]		.31	T							T						.10	T			.01			.08	.11	T	T		T	.01	T			
[illegible]	Δ	2.37	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.37
[illegible]	P	.34	T							T			T		T				T	.30		T	T	T	T				.04				
[illegible]	Δ	4.69	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.69
[illegible]	Δ	7.15	*	.05	*	*	.01	*	*	.49	.04	*	.32	.37	*	*	.99	.34	.17	1.78	.36	*	*	.96	.12	.04	.08	.14	*	*	.67	.21	.01
[illegible]	Δ	1.03	.14	*	*	*	*	*	*	.09	*	*	*	*	*	*	.10	*	*	*	*	*	*	.50	*	*	*	*	*	*	.15	*	*	
[illegible]		.61														.20														.05			
[illegible]	Δ	11.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.40
[illegible]		.00																															
[illegible]		.06	*	*	*	*	*	*	*	*	*	*	*	*	*	.06				T													
[illegible]		5.79	.21	.06						.27			.15	.32		.50	.53	1.40	.48	.56		.30	.21	.09			.10		.12	.10	.28	.11	
[illegible]		.44															.31	.12			.01												
[illegible]		1.67			.03		T								.03	1.49	.04	.02	.02		.03	.01											
[illegible]		.07														.06				T				.01									
[illegible]	Δ	1.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.60
[illegible]	Δ	.14	*	*	*	*	*	*	*	*	*	*	*	*	*	.14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	8.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.30
[illegible]	Δ	1.23	.20									.06	.10			.03	.03						.22	.27		.20			.10		.02		
[illegible]	Δ	3.58	.63	*	*	*	*	*	*	.11	*	*	*	*	*	*	1.17	*	*	*	*	*	*	1.19	*	*	*	*	*	*	.48			
[illegible]	Δ	1.91	T										.01	T	T	.17	T	1.30	.05	.12	.20	T					T		*	*	.04	T	.02	
[illegible]		.43			.28											.12				.03													
[illegible]		14.97	.44	.16					.12	.43	.15		.75	.65	.34	.83	.78	.49	.27	3.20	1.68	1.10	.60	.16	.28	.17	.16	.27	.37	.32	.32	.92	.01
[illegible]		.87	.03							.02	.03		.01	.03		.05			.01	.32	.14	T		.02	.01	.02	T	.01	.08	.09	T		
[illegible]	Δ	1.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.70
[illegible]	Δ	.66	*	*	*	*	*	*	*	*	*	*	*	*	*	.28	*	*	*	.34	.04	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	1.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.80
[illegible]	Δ	15.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15.00
[illegible]		.40														.04				.35	.01				T				T				
[illegible]		.48	T							T				T		T				.30	.07			T					.01	.10			
[illegible]	Δ	.06																															
[illegible]	Δ	1.43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.63	*	.53	*	*	*	*	*	*	*	*	*	*	*	*	.27
[illegible]	Δ	.39	*	*	*	*	*	*	*	*	*	*	*	*	*	.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]		1.53	.02		.01								.01		.04	.96	.05	.30	.05			.08		.01									
[illegible]	Δ	.18	*	*	*	*	*	*	*	*	*	*	*	*	*	.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	1.34	*	*	*	*	*	*	*	*	*	*	.01	*	*	.06	*	*	.01	.55	.33	*	.11	.08	*	.11	*	*	.02	.07	.01	*	*
[illegible]	Δ	2.49	*	*	*	*	*	*	*	*	*	*	.16	*	*	.25	*	*	.12	.40	.39	*	.33	.42	*	.15	*	*	.20	.10	.03	*	*
[illegible]	Δ	10.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.50
[illegible]	Δ	8.62	.23	.01	.02	.01	T		.11	.26	.03	T	.23	.57	.06	1.20	.39	.43	.15	1.10	1.24	.67	*	.77	.22	.04	.11	.04	*	*	.68	.02	.03
[illegible]	Δ	1.02	*	*	*	*	*	*	*	*	*	*	*	*	*	.06	*	*	*	.67	.17	*	.12	*	*	*	*	*	*	*	*	*	*
[illegible]	Δ	.71													*	*	.01			.37	.06	*	*	.23	.02				*	*	.02		
[illegible]	Δ	.18																						*	.18								
* * *																																	
ISLAND OF HAWAII																																
[illegible]	Δ	.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90
[illegible]	Δ	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]		.95	.04	.22	T		*	*	.15	.24	T	T					.10	T	.02			.04			T	T	.12		.02			T	
[illegible]		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]		5.34	.02						.02				.02	.06		.30	.16	.17	.31	.65	2.69	.34	.32	.06	.01	.02	.04		.12				
MAKALAU 142		8.29	.25	.32		.02		.04	.17	.25	.05		.13	.34	.33	.08	.41	1.47	.30	.05	1.21	.38	.22	.03	.17	.38	.35	.08	.05	.57	.56		.06
[illegible]	Δ	1.77	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.77
[illegible]	Δ	2.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.75
[illegible]	Δ	1.09											.43				.10	.46		.10		T									T	T	
HAWAII VOLCANOES NP HQ 54		5.11	.13	.02	.02	.03	.03	.02	.10	.07	.03		.71	.12	.07	.06	.10	.99	.38	.09	.22	.11	.11	.05	.05	*	.42	.04	.21	.49	.50	.37	.14
[illegible]	Δ	3.38	.77	.02			*	*	*	.02	.02	T	.14	.22	*	*	.39	.12	.10	.52	.36	*	*	.15	.29	.07	.05	.08	*	*	.11	.05	
[illegible]	Δ	12.11	.21	.12	.04	.47	T	.04	.22	.12	.14	.02	.12	.82	.26	1.04	1.05	1.03	.14	.05	2.08	.85	.37	.29	.14	.23	.27	.03	.39	.93	.46	.05	.06
[illegible]	R	9.92	.32	.16	T	.01	.01	.18	.39	.04	.06	.03	.53	.30	.21	.51	1.31	.28	.04	1.37	.22	.29	.06	.05	.22	.15	.47	.35	.64	.37	.55	.21	.37
[illegible]	Δ	7.08	*	*	4.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.95
[illegible]	Δ	1.80	*	*	*	*	*	*	*	*	*	1.03	*	*	*	*	.25	*	.21	*	*	*	*	*	*	*	*	*	*	*	*	.31	*
[illegible]	Δ	6.24		.89	.20			*	*	*	1.11						1.92		.61	.02				*	.72		.54			*	.10	.25	
[illegible]		9.05	.17	.21					.40	.17	.05		.12	.67	.22	.22	.32	.93	1.17	.07	1.10	.35	.19	.01	.31	.34	.40	.09	.15	.70	.52		.12
[illegible]	Δ	8.73	*	*	*	*	*	*	*	*	*	*	*	6.50	*	*	*	*	*	2.23	*	*	*	*	*	*	*	*	*	*	*	*	*
[illegible]		14.57	.14	.34	.05	.09		.09	.30	.18	.17	.10	.11	1.01	.52	1.24	.52	.81	.38	.27	2.07	.33	.12	.31	.58	.49	.53	.18	.81	.85	.72	.08	.09
[illegible]		1.98	*	*	1.38	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.57
[illegible]	Δ	.71	*	*	.31	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.40
[illegible]	Δ	1.31	*	.22	*	*	*	*	*	*	*	*	*	*	.66	*	*	*	.31	*	*	*	*	*	*	*	*	*	*	.04	*	.08	*
WAALA IKI 12	Δ	3.57	*	*	*	*	.70	*	*	*	*	*	*	.09	*	*	*	*	*	*	2.18	*	*	*	*	*	*	.37	.01	*	.06	.16	*
[illegible]	Δ	3.56	.32	.33	.13			*	*	*	.83				*	*	.63	T	.55		*	*	*	*	.38		.30			*	.09		
[illegible]		8.39	.15	1.39	.38			2.02	T	.30							3.21	.03	.28	.01	T	.29	.20	.04			.10		.07	T	.02		T
[illegible]		5.14	T	T		.17	T	.03	.15	.01			.06	.08	.04	.07	.09	1.77	.01		.27		T	.03	.14	.01	.11	.10	.04	.76	.23	.82	.17
[illegible]	Δ	.06	*	*	*	*	*	*	.12	*	*	*	*	*	*	.46	*	*	*	*	*	*	.48									
[illegible]		1.78		.06					.02		.03				.05		.08	.66	.38		.18	.04	.08								.20		
[illegible]	Δ	2.63	*	*	*	*	*	*	.48	*	*	*	*	*	*	.40	*	*	*	*	*	*	1.27	*	*	*	*	*	*	.48	*	*	*
[illegible]	Δ	8.49	*	*	*	*	1.30	*	*	*	*	*	*	.74	*	*	*	*	*	*	5.20	*	*	*	*	*	*	1.71	*	*	*	*	*
[illegible]	Δ	15.34	*	*	*	*	.75	*	*	*	*	*	*	2.14	*	*	*	*	*	*	7.98	*	*	*	*	*	*	3.00	*	*	*	*	*
[illegible]		1.91	.07	.17		.10		.26	.70	.13	.01	.07	.15	.64	.15	.28	.51	1.80	.01	.15	1.35	.18	.25	.06	.08	.22	.58	.40	.38	.88	.55	.21	.27

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 20.2		-	.21	.65	.25			.67	.74	.91							1.06															
KEHENA 181.2	A	7.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.26	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KIULAKAA A C F 6	A	2.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.70
KIPA 99.2	A	12.22	.08	.06	.04	.28		.02	.48	.12	.17	.06	.74	.82	.32	.27	.44	1.26	.43	.02	.42	.40	.27	.11	.24	.97	.21	.11	.11	.24	.11		
KOHALA MAUKA1 176	A	4.63	.86	.05	.01			*	*	.21	.01		.18	.13	*	*	.54	.39	.10	.13	1.07	*	*	.24	.21				*	*	.11	*	*	
KOHALA MISSION 175.1		3.31	.19	.09	T					.13	.02	.08	.13	.24	.21	.7	.16		.14		.66			.11	.07			.14	.14		.64		
KOIAKE LOWER 19A	A	5.00	*	*	*	*	1.90	*	*	*	*	*	*	.45	*	*	*	*	*	*	1.90	*	*	*	*	*	*	*	*	*	*	*	*	
KONA (KAILUA) 68.3	A	2.49	*	.83	.33			*	*	.20					*	*	.16		.5					.02					*	*				
KONA VILLAGE 93.8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KUKAIAU 222		4.17	.01		.01			.03	.01				.07		.26	.12	.36	.37	.11	1.45	.31	.54							.1				
KUKUIHAELE MIC 199		4.97	.03										.10	.2		.03	.15	.2	.27	.42	3.6	.36	.6	.1	.14				.1		.2		
KUKUIHAELE MILL 206	A	3.03	.04											.1	*	*	.30	.2	.12	.2	.1	*	*	.05	.1				*	*				
KULANI CAMP 79		4.18	.05	.08	.10	.05			.2		.2			.07	.07	.23	.18	.4	.25	.1	.4	.1	.14	.2		.66	.10	.1	.2	.18	.1	.4	
KULANI MAUKA 76	A	.17															.05	.02		.02											.01		
KULANI SCHOOL SITE 78	A	4.77	*	*	*	*	*	.3	*	*	*	*	*	*	1.00	*	*	*	*	*	*	2.65	*	*	*	*	*	*	.1	*	*	*	*	
LANIHAU 68.2		6.95	.12	.95	.12				.03	.3	.12	.1				.21	.4	.04	.2			.4	.2	.1					.1	.1	.2	.1		
MAKAHALAU 103		.53															.2	.1						.4									
MANUKA 2	A	2.24	1.50											.2	*	*	.5		*	.20		*	*	*	.1				*	*	.1		
MAUNA KEA OBS 111.2		.02												T			.02																
MAUNA LOA SLOPE OBS		.60				.03											.08														.12		
MIDDLE HOLUALOA 68.1	A	1.56	*	*	*	*	*	*	*	*	*	.7	*	*	*	*	.4	*	.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MIDDLE PEN 147.1	A	.68	*	*	.22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.2	*	*	*	*	*	*	*	*	*	*	*	*	
MOAULA 18	A	1.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MOUNTAIN VIEW 91		12.11	.08	.27	.02	.05	.2	.19	.49	.2	.1	.05	.3	.55	.3	.2	.4	1.82	.1	.3	1.07	.8	.5	.14	.18	.37	.34	.32	.46	.5	.2	.4	.17	
NAALEHU 14	A	1.81		T	T	.12	.22	T					.1				.04	.4	.1	.1	.1		.6	*							.6	.7		
NAPOOPOO 28	A	4.66	1.87	*	*	*	*	*	*	*	1.2	*	*	*	*	*	.3	*	*	*	*	*	*	*	.1	*	*	*	*	*	*	*	*	
NIULII 179	A	3.23	.75	.05			*	*	.03	.2		.3	.2	*	*	.2	.04	.1	.1	.1	.2	*	*	*	.1	*	*	*	*	*	.1			
OOKALA 223		5.66	.02	.22	.05	.6	.2		.12	.5	.01	T	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.07	.1	.1	.04	.1	.1	.1	.09	
OPIHIHALE 2 24.1		1.51	.12	.25			.06		T			T		T		T			.1	.12	.02	.1	.23			.1	.1	.01	.1					
ORCHID LAND EST 91.5	A	9.99	*	*	*	*	1.35	*	*	*	*	*	*	2.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PAAUHAU 217		4.07	.01										.07	.10	*	*	.04	.1	.1	.1	.1	*	*	.1					*	*				
PAAUILO 221		3.60	.04		T			.1	T				.03	T	.1	.1	.19	.1	.1	.1	.8	.1	.1	T	.1	.1							
PAHALA 21	A	1.44	T		.28	.01	.1								.1	.1	.3		.1	.1	.02										.01		
PAHOA 65		13.73	.07	.33	.10	.12	.10	.1	.47	.09	.05		.15	.1	.16	.27	.52	2.70	.1	.09	.3	.42	.27	.1	.24	.22	.1	.1	.1	.86	.5	.1	.63	
PAKAD 37	A	6.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.00	
PAPAIKOU 144.1		9.91	.13	.11	.01			.07	.4	.25	.1		.16	.54	.1	.3	.56	1.39	.1	.1	.3	.3	.4	.1	.3	.4	.2	.2	.2	.1	.2	.2	.1	
PAPAIKOU MAUKA 140.1		11.65	.15	.22	.03	.07		.02	.3	.1	.3	.1	.34	.1	.2	.04	.49	.5	.2	.1	.5	.1	.5	.1	.3	.1	.1	.1	.1	.1	.37	.1	.1	
PIHONUA 89	A	14.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
POHAKULOA 107	A	.86																	*	*	*								*	*				
POAKO 95.1	A	.54		T	.05									T		.35			.14			T											
PUU KIHE 120	A	2.95	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.90	
PUU LAAU 102.1	A	1.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU LEHUA 73	A	.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU WALI 113	A	1.54	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU OO 82		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PUU WAAWAA 94.1	A	.17													*	*	.10		.07												T			
SADDLE ROAD 1 84	A	14.48	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.2	*	*	*	*	*	*	2.48	*	*	*	*	*	
SOUTH POINT CORPAL 3	A	.14								*	*	*	*	*	*	.1	*	*	*	*	*	*	.1								*			
UMIKOA 118		3.36				.02					.2				.03				.1		1.27	.1	*	.51		.05			*	*	.01			
UPOLU POINT USCG 159.2		.71	.12		T				.01				.4		T	.11	.3	.03			.1			.2	.17		T			.07	.1			
WAIAKEA SCD 88.2		12.06	.13	.18	.01			.13	.46	.1	.15	.1	.18	.59	.3	.3	.3	.5	.1	.07	1.56	.1	.5	.18	.1	.1	.1	.1	.45	.1	.83	.1	.1	

See reference notes including Station Index

DAILY PRECIPITATION

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																																
• • •																																
[illegible]																																
[illegible]																																
[illegible]	R	[illegible]																														
[illegible]		30.61	.43	.13	.75	.2	.90	.35	1.50	.90	2.33	4.36	1.95	3.70	.20		.90	.15		T	.70	.90	2.30	.80	.18	1.95	.50			.01		T	.01		
[illegible]	M	2.09	.04	.04		T	.40	.01	.03	.08	.12	.86		1.19	.07		.09	.04	T		.05	.20	T	T	T	.14	T	T		.60	.20	.15	.90	1.62	.90	
[illegible]		17.31	.16	.11		.40	.95	1.35	1.60	1.03	1.40	.50	.80			.15			.30	1.30	2.10	.65	2.00			.35		.35	.30	.35	.25	1.50	
[illegible]		5.31	.08	.01	.01	.64	.44	.40			.01	.12	.09	.02			.04		.02	.11	.05	.01	.04					.01	.02		.91	1.36	
[illegible]		37.67	.95	.02	.48	.10	1.48	2.80	4.71	2.61	6.14	6.90	.28	.72	.04	.07	.65	.14	.90	.10	1.30	1.35	1.17	2.84	.01		.34	T	.39	.16	.07	.79	.31	
[illegible]		4.37	.14	.01	.11	.12	.09		.01	T	.47	.44	.09	.06		.01	T	.10	.83	.94			.01	T			T	T	.67			.09	
[illegible]	M	16.19	.08	T	.05	.14	1.08	.18	.49	1.56	.22	2.73	1.42	.53	.01		.13		.14	1.71	1.34	1.57	.12	.02	.05	.05	.14	.09	.05	.08	1.12	1.09	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
• • •																																
[illegible]																																
[illegible]		20.69	.12	.61	.25	.98	5.04	.81	.11		.15	1.83	T	.18	.03		.12	.56	.04			T	.30	.44	1.57	1.80	2.19	.75	.42	.06	.21	1.31	
[illegible]		16.64	.11	.08		.05	.10	.10	.53	2.22	2.40	.14	.08	.77	.04	3.72	.87	5.30									T	T					
[illegible]		15.56	.11	.31	.21	1.14	3.28	.45	.04	.07	.06	1.57	1.10	.35			.03	.01	.14	T	T		.05	.72	.72	1.48	1.56	.57	.33	.12	.07	.45	
[illegible]	R	17.80	.17	.75	.52	.28	4.23	.97	.07	.07	.25	.17	1.69	.19	T	T	.06	.24	.03	T		T	.21	.32	1.07	1.84	1.47	.70	.37	.11	.28	.51	
[illegible]		15.21	.93	.21	.47	.20	1.51	1.70	.90	.81		.27	.64	.78	.09	.05	.04	.02	.09	.19			.02	.10	.32	1.72	.26	1.49	.95	.60	.24	.03	.58	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]		9.36	.04		.04	.07	.08	.13	.25	.01	.03	.23	.80	1.48	.83	.02	.28	.05	.52	.39	.12	.01		.06	.22	.42	.26	.83	.37	.87	.13	.82		
[illegible]	R	2.73	T			.01	.01	.06				.41		.40	T	.02	.05	.22	.07	.01	.01		.40	.10	.22	.10	.10	.26	.03		.04	.03	.18	
• • •																																
[illegible]																																
[illegible]		25.34	.82	2.75	4.35	1.76	.47	.45			.11		2.76		1.36		.81		.76	.88		.39	1.68	1.45		.40			.91			1.74	1.30	
[illegible]		8.68	.01		.06	.12	.06	.15		.28	.18	.86	1.26		.09	.10	.06	.04	.04				.81	.42	.20		.12	.95	.55	.32	1.08	.66	.28	
[illegible]		12.26	.43	1.22	.03			.05	1.60	1.13			.67	.59	.02	.04			.04	.07			.10	.20	.42	.76	.12	.33	2.37	.47	.24	1.82	T	
[illegible]		.11																	.01															
[illegible]	R	19.14	.61	4.52	2.85	.45	1.46	.19	.34	.04	.01	.23	.72	.08	2.69			.04			.13	1.52	.18	1.53	.26	.47	.27	.35		.05	.15		
[illegible]		11.45	.27		.08	.19	1.05	1.02	1.91	.34	1.52	.22	.41	.18	.21	.07	.18		T	.07	.07	.31	.02		.26	T	1.26	.38	.67	.01	.09	.07	.59	
[illegible]		-			.15	.26		3.06			.54	4.58			.89	.28		.52	.27	.32			T	.68	.28	-	.58	.03		.11	.44	.55		
[illegible]	R	13.79		.03	.42	2.55	1.00	2.75	.44	.59	.37	.74	.08	T	.10	.23	.40	.02			.09	.15	.08	.04	.48	.49	.07	.01	.02	1.55	.78	.26	.05	
[illegible]		15.69	.05			.30	.14	1.73		.21	.26	1.62	.90			.05	.07	.08	.37	*	*	*	*	*	*	*	*	*	*	8.54	.10	.82	.45	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]		17.63	.02	1.91	1.64	5.40							1.63	.83	.52	2.15	.54	.01			.20	.01	.31	.36	.57	.45	*	.02		.50	.01	.20	.35	
[illegible]	R	21.32		T	.34	.20	.80	1.64	1.45	T	.48	2.73				.16	.07	.86	.04	.32	.05		T	.63	2.57	.77	.51	.05	1.86	.08	5.23	.70	.08	
[illegible]		11.75	.79	.18	1.01	.45		1.76	.11		.43	.89	.99					.24	.05	.06	.52	.17	.07	1.59	.23	.27	1.02		.26		.09	.57		
[illegible]	R	2....	.06	1.32	2.01	.30	.07	1.86	.02		2.12	.02	.01			T	.27	.16	.01	.25	.80	3.71	.34	.38	.52	1.67	1.52	.88	1.58	T	.05	1.21	.02	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]	R	14.92	1.42	2.33	.56	.51	1.16	.03	.25	.04	.05	.38	.36	.26	.05	.75	.49	T	.08	.05			.71	.13	1.43	.17	.30	.07	2.15	.32	.64	.23		

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	74	72	72	74	70	78	69	73	75	72	72	71	70	72	72	73	72	67	71	68	72	72	73	70	73	73	73	70	75	72	64	71.7
	MIN	54	54	49	52	52	54	59	58	58	59	57	58	56	56	47	51	49	53	52	53	50	50	55	55	54	50	51	52	50	49	51	53.2
KILAUEA POINT 1133	MAX	82	83	86	88	86	86	81	82	84	84	82	83	83	83	82	83	84	78	82	81	84	81	81	80	83	84	83	80	82	86	80	82.8
	MIN	69	70	70	70	70	75	68	67	75	75	71	71	70	70	69	69	70	69	68	70	68	69	67	67	66	66	65	65	65	65	67	68.9
LIHUE WSO 1020.1 AP	MAX	85	84	83	84	85	84	83	83	84	84	84	84	84	83	83	83	83	79	81	81	82	80	81	81	82	82	81	81	81	83	80	82.5
	MIN	76	74	68	70	71	76	74	74	74	74	74	75	76	71	76	76	68	71	72	73	72	70	74	75	74	75	75	75	76	72	70	73.3
MAKAHUENA POINT 940.1	MAX	83	85	85	90	89	89	89	84	84	85	85	85	85	85	85	86	85	81		82	82	83	83	83	83	84	84	84	84	86	86	84.8
	MIN		69	70	71		72			68	74	73	73	72	76	73	77	72	68		73		68	74	75	71	71		77	71	71	70	72.0
MANA 1026	MAX	86	88	86	87	87	85	89	89	89	89	89	89	87	87	89	87	87	88	87	88	85	86	85	88	86	87	87	87	88	87	88	87.3
	MIN	65	66	68	66	64	68	71	71	66	67	67	68	65	65	65	66	65	65	65	64	64	64	66	65	65	65	66	66	61	65	68	65.9
NIU RIDGE 1035	MAX	83	84	84	84	85	83	85	84	85	85	84	81	83	84	83	80	83	82	85	83	84	83	84	84	83	84	84	83	84	83	84	83.5
	MIN	66	64	63	65	66	64	65	66	66	65	66	64	63	65	64	65	65	64	66	63	64	63	64	65	64	65	66	64	65	64	65	64.6
WAIAHI LOWER 1054	MAX	81	82	81	84	84	87	82	82	82	82	82	82	82	80	81	81	81	82	78	77	80	80	80	80	81	82	82	78	80	85	83	81.4
	MIN	66	67	66	63	64	68	63	61	67	68	67	66	67	66	64	64	60	66	66	65	64	62	66	66	64	67	64	66	66	66	66	65.2
* * *																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	83	84	84	85	88	87	85	84	85	86	85	85	85	85	83	84	81	82	83	83	84	78	83	84	84	85	84	82	83	83	84	83.9
	MIN	72	74	67	65	68	76	74	73	76	76	74	74	72	70	72	71	69	69	70	72	72	70	74	74	74	70	74	73	73	73	68	71.9
EWA PLANTATION 741	MAX	88	87	87	85	88			89	86	88	87	86			87	86	83	87	82			83	82	85	85	86			86	85	84	85.7
	MIN	70	68	67	66	69			70	71	69	71	69			67	66	70	68	69			67	64	69	68	69			67	67	66	68.1
HONOLULU WSO 703 AP	MAX	88	89	85	87	91	89	88	88	89	88	87	88	86	85	87	83	86	81	84	85	83	84	86	87	86	87	86	87	87	84	84	86.3
	MIN	72	74	71	69	74	77	75	75	76	76	76	73	73	71	73	70	71	68	72	71	72	69	72	75	73	73	74	75	72	69	67	72.5
HONOLULU SUBSTA 704	MAX	84	84	83	85	85	83	83	83	83	83	82	82	81	80	82	81	80	78	82	81	80	80	82	82	82	82	80	82	81	82	81	81.9
	MIN	72	73	71	71	74	74	71	71	74	76	76	74	72	72	74	74	73	68	73	73	72	69	74	74	74	73	72	73	72	69	69	72.5
KANEOHE MAUKA 781	MAX	81	83	83	86	81	86	82	82	82	84	83	83	83	81	81	81	79	83	78	80	79	79	79	81	80	81	82	80	81	81	83	81.5
	MIN	72	71	71	69	70	76	75	72	73	74	72	71	71	69	71	71	69	69	71	71	69	67	68	73	73	72	73	73	74	70	67	71.2
LUALUALEI 804	MAX	90	87	90	90	88	86		92	90	91	90	86	90	90	90	75	80	88	80	78	84	84	87	87	86	87	89	83	87	88	84	86.9
	MIN	72	69	65	65	72	76		72	65	70	70	74	72	71	65	65	72	69	69	68	68	70	67	74	73	71	66	74	72	66	65	69.6
MAKAPUU POINT 724	MAX	78	80	89	82	85	83	79	79	79	79	79	80	79	79	78	79	80	78	78	77	78	76	78	78	79	77	79	77	78	79	83	79.4
	MIN	72	68	66	71	73	72	71	64	73	72	65	70	66	65	68	68	68	69	68	69	69	65	69	64	66	71	65	65	69	72	71	68.5
UPAEULA 870	MAX	82	82	82	82	82	88	86	85	85	82	87	86	85	81	88	85	88	85	88	87	88	86	80	82	80	82	82	82	80	80	82	83.9
	MIN	67	63	64	65	66	63	75	67	66	66	67	66	68	72	67	66	62	65	68	66	67	65	64	65	67	66	67	66	65	67	66	66.3
PRI WAHIAWA 820.2	MAX	86	84	87	88	90	88	82	90	84	86	86	85	82	78	86	84	76	82	79	77	76	80	78	82	80	82	82	77	84	82	85	82.8
	MIN	66	66	63	63	64	70	68	68	68	70	70	66	66	65	63	63	65	67	65	64	64	65	62	62	65	66	63	68	63	63	62	65.3
WAIALEE 896.3	MAX	84	85	86	85	89	88	86	83	85	85		85	84	82	82		84	83	81	83	82	79	82	83	82	84	84	82	84	83	83	83.7
	MIN	72	69	67	70	70	75	73	72	73	75		72	71	69	72		71	69	70	72	70	69	70	74	72	71	71	71	73	70	67	71.0
WAIALUA 847	MAX	86	86	87	85	86	90	87	84	85	87	86	85	86	83	84	86	82	82	80	84	82	78	80	83	83	83	88	83	84	86	83	84.3
	MIN	68	65	64	66	68	69	72	70	66	65	66	65	66	68	66	64	64	68	64	65	66	67	63	64	63	65	69	64	64	65	64	65.9
WAIKIKI 717.2	MAX	85	87	87	85	90	88	87	87	87	87	82	86	86	88	85	85	85	85	84	84	84	83	85	85	85	85	86	86	85	86	86	85.7
	MIN	71	67	67	66	72	74	70	70	73	73	72	70	70	69	70	67	68	67	73	71	71	69	71	73	73	70	70	71	75	68	67	70.3
WAIMANALO EXP FARM	MAX	87	87	87	87	85	86	87	87	85	86	85	85	84	85	85	85	82	84	80	81	82	81	82	84	83	84	84	83	83	83	86	84.4
	MIN	72	72	70	68	71	72	72	72	74	75	74	74	73	72	71	74	70	70	70	72	70	69	72	74	73	73	72	73	73	71	67	71.8
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524		87	89	86	87	86	92	92	87	90	86	87	86	85	90	84	86	90	87	88	82	82	81	84	84	90	84	84	87	89	86	84	86.5
		70	70	68	68	66	72	74	71	73	71	72	71	71	71	70	67	72	67	72	76	68	70	69	74	71	67	64	70	70	65	65	69.8
* * *																																	
ISLAND OF LANAI	MAX																																
	MIN																																
LANAI CITY 672	MAX	77	79	76	84	83	76	77	85	77	79	78	77	74	74	76	74	76	76	76	71	73	74	75	77	77	76	75	79	79	81	81	77.2
	MIN	67	65	63	66	65	65	66	65	65	61	66	67	63	64	67	64	65	63	66	64	64	64	66	65	66	63	61	61	62	61	63	64.3
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	66	63	65	62	70	80	73	65	70	67	67	64	64	64	64	68	63	63	57	60	61	64	60	61	67	63	65	62	64	63	64	64.8
	MIN	44	40	39	42	49	54	44	43	50	48	52	44	46	48	43	45	44	45	41	43	40	41	39	42	41	42	46	48	48	45	42	44.5
HALEAKALA SUMMIT 338.4	MAX	58	66	58	59	66	62	62	62	55	58	59	59	66	58	63	55	54	49	49	54	58	59	59	61	56	59	57	47	57	48	55	57.7
	MIN	38	39	40	45	48	46	42	40	41	42	44	45	39	40	39	39	40	37	38	38	40	39	42	42	44	44	38	33	32	38	40	40.4
HANA AIRPORT 355	MAX	78	80	80	81	82	81	81	81	80	80	87	77	81	79	80	75	75	83	72	72	75	77	78	76	76	79	80	77	79	78	79	78.7
	MIN	69	67	67	71	75	72	71	70	69	69	71	68	68	70	69	71	69	63	68	67	66	66	68	70	71	69	72	71	70	71	72	69.4
KAANAPALI AIRPORT	MAX	86	85	83	86	84	90	86	87	84	86	85	82	84	84	83	85	83	82	81	83	81	81	82	84	85	83	84	83	84	84	82	83.9
	MIN	72	67	67	67	70	75	76	71	73	67	72	76	74	74	69	69	70	69	66	70	68	66	70	68	73	68	71	72	69	69	68	70.2
KAHULUI WSO 398 AP	MAX	85	86	85	89	96	87	88	86	88	85	83	87	83	86	86	86	83	82	83	82	82	84	86	85	85	86	84	87	86	86	86	85.6
	MIN	72	65	64	66	68	75	74	72	73	66	74	68	64	73	69	69	72	70	72	72	71	69	68	64	72	69	72	70	64	65	66	69.3
KAILUA 446	MAX	79	78	78	80	81			80	78	79	79	76			78	74	76	78	77			78	75	78	76	77			78	78	78	77.8
	MIN	67	66	64	66	68			67	68	70	69	67			66	66	67	65	64			65	67	68	69	67			67	67	66	66.8

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAP, BEACH 268.2	MAX	9	89	90	89	90	90	88	92	92	91	89	92	88	82	88	86	85	89	84	87	85	89	86	90	90	88	89	90	88	88	87	88.4
	MIN																																
KULA SANATORIUM 267	MAX	74	74	74	75	78	78	75	78	76	75	76	75	73	73	72	72	69	73	69	70	72	72	70	75	75	74	75	72	76	74	75	73.8
	MIN	60	59	58	59	60	60	61	59	59	60	61	58	58	59	59	60	59	59	58	59	57	57	56	54	55	57	57	58	59	59	60	58.5
LAHAINA 361	MAX	89	87	87	88	93	88	89	89	89	88	86	85	85	84	87	88	88	86	89	86	89	88	88	88	91	88	86	89	89	88	87	87.8
	MIN	70	68	67	67	70	69	69	70	68	67	70	67	67	67	68	70	69	68	68	68	66	69	66	67	67	67	67	66	68	69	69	68.1
WAILUK 386	MAX	82	82	82	84	85			87	82	84	82	80			82	80	84	81	77			80	79	83	83	82			83	85	85	82.3
	MIN	72	72	68	69	70			72	72	74	72	70			71	72	70	68	68			67	70	70	71	70			69	67	67	70.0
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	81	83	83	85	88	84	82	83	83	83	84	79	80	82	82	81	76	79	76	75	77	80	81	78	81	81	82	80	82	80	83	81.1
	MIN	67	66	69	69	70	72	70	70	69	71	69	67	77	67	67	66	69	65	67	68	67	65	68	68	69	68	67	69	69	66	66	68.3
HAWAII VOLCNS NP HO 54	MAX	70	69	71	73	74	69	70	69	71	69	72	66	70	72	67	70	68	68	70	68	65	67	67		67	68	68	65	67	69	70	69.0
	MIN	56	53	51	55	52	56	55	53	54	54	57	54	53	56	56	58	58	52	56	55	52	52	54		52	53	52	53	55	54	53	54.1
HILO WSO 87 AP	MAX	84	84	87	89	88	85	84	83	85	86	79	82	85	85	80	79	82	79	78	79	83	83	82	82	83	84	80	84	84	82	82	83.0
	MIN	70	69	67	71	71	71	69	69	70	70	70	68	66	71	70	71	66	65	69	69	67	67	70	70	69	66	67	66	68	67	69	68.6
KAINALIU 73.2	MAX	80	78	77	78	81	81	77	78	80	79	81	81	80	79	79	80	77	79	79	78	78	75	78	79	77	81	79	78	77	79	80	78.8
	MIN	66	63	62	63	64	67	65	65	62	68	65	64	62	62	63	64	66	60	64	62	61	60	61	64	65	63	61	62	62	61	63	63.1
KAMUELA 192.2	MAX	74	73	76	80	84	83	81	79	73	73	75	73	73	75	74	77	80	73	68	72	72	74	72	76	73	72	75	74	72	75	78	75.1
	MIN	61	60	57	55	57	55	58	59	60	62	63	61	59	60	57	57	58	52	55	56	57	60	57	55	57	54	56	57	53	55	52	57.3
KEAAU 82	MAX	82	81	82	84	87	85	81	82	81	82	83	76	79	83	81	77	79	78	77	77	75	79	81	78	79	80	81	78	81	80	79	80.3
	MIN	67	66	66	64	69	68	68	66	66	67	68	67	66	66	67	67	68	64	65	67	64	65	65	67	66	65	65	65	67	66	66	66.2
KEALAKEKUA 26.2	MAX	80	78	79	81	82	82	80	81		81	82	80	81	82	80																	
	MIN	65	63	62	62	64	67	65	65		61	65	63	62	62	62																	
KOHALA MISSION 175.1	MAX	80	80	81	84	84	83	80	81	81	81	81	78	80	81	79	79	77	80	72	79	78	79	76	78	80	79	80	78	80	81	82	79.7
	MIN	68	68	67	68	69	71	70	71	68	70	70	69	66	64	68	67	67	65	66	67	66	67	66	67	67	67	67	70	70	65	61	67.5
KONA (KAILUA) 68.3	MAX	85	84	84	85	89			87	85	85	84	84			86	84	85	87	82			85	83	85	85	86			85	85	86	85.0
	MIN	68	71	70	71	72			70	71	73	73	71			69	71	71	69	69			69	69	71	73	70			67	70	70	70.3
KULANI CAMP 79	MAX	64	65	64	61	69	67	64	65	66	65	66	62	66	66	65	67	67	60	64	61	60	60	64	65	61	61	60	62	62	63	65	63.8
	MIN	53	48	46	47	49	52	52	49	45	48	52	50	47	49	48	48	53	44	51	49	48	50	45	48	49	44	46	47	52	48	47	48.5
MAUNA LOA SLOPE OBS	MAX	54	54	56	59	59	61	57	53	59	55	51	54	52	54	53	51	50	50	50	53	56	56	58	56	59				55	51	50	54.5
	MIN	37	38	41	43	42	49	41	44	42	40	41	39	37	37	37	39	37	35	38	38	40	40	41	37	43				38	34	34	39.4
MOUNTAIN VIEW 91	MAX	79	76	79	81	82	78	78	78	78	77	80	70	80	80	80	70	75	73	71	75	75	75	77	74	75	75	77	77	77	76	75	76.5
	MIN	59	61	60	60	63	62	62	62	61	64	64	62	62	62	62	64	65	58	58	60	60	60	62	63	62	60	60	60	60	62	62	61.4
NAALEHU 14	MAX	81	80	81	82	83	85	82	82	81	80	81	78			81	79	80	79	80			80	80	80	79	80			80	78	80	80.5
	MIN	68	66	67	68	69	70	69	68	66	70	67	66			65	67	68	65	63			63	68	69	68	68			66	66	68	67.1
OOKALA 223	MAX	82	82	82	83	82	84	81	84	83	82	82	78	79	82	78	83	75	76	76	79	81	80	78	79	81	79	81	79	82	80	80	80.2
	MIN	68	67	68	68	68	68	68	70	68	69	71	69	67	69	68	68	67	66	67	67	66	66	66	68	67	67	68	68	68	66	68	67.7
OPIHIHALE 2 24.1	MAX	77	73	80	81	83	78	77	81	80	79	80	81	77	78	77	76	77	76	78	78	79	77	80	77					79	79	77	78.3
	MIN	64	61	61	62	67	64	64	60	61	62	63	63	61	61	62	64	58	59	61	62	60	60	62	60					59	60	61	61.6
PAHALA 21	MAX	82	78	82	82	84			86	82	82	82	80	83	83	80	79	79	78	80			81	80	80	80	81			83	80	81	81.1
	MIN	63	63	63	65	66			61	63	65	65	63	62	64	63	67	67	64	64			61	63	65	65	63			63	66	64	63.9
PUAKO 95.1	MAX	86	87	86	84	85	85	87	88	87	86	86	85	85	84	84	83	84	87	85	84	86	85	84	86	85	85	84	83	85	84	82	85.1
	MIN	74	68	67	68	68	73	74	73	72	72	75	69	72	68	69	71	71	65	67	69	72	71	69	68	73	69	72	71	67	68	66	70.0
SPOLE POINT USCG 159.2	MAX	84	34	85	86	82	87	86	85	85	85	84	83	85	85	85	85	85	84	78	83	84	84	83	83	85	84	85	85	85	85	87	84.4
	MIN	71	69	72	71	72	75		73	70		73	69	69	69	69		66	68	68	67	69	70	69	66	67	66	74	66	71		70	69.6
	MAX																																
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	MIN																																

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	89	88	91	90	92	89	86	85	87	90	90	92	91	85	92	88	89	91	92	92	91	91	92	91	92	92	88	92	88	90	90	89.9
	MIN	74	73	76	76	76	76	78	76	75	76	75	76	76	76	75	76	75	76	75	77	77	74	77	77	77	76	76	76	76	78	76	75.9
JOHNSTON WSO AP	MAX	85	84	84	84	84	83	83	84	83	81	83	83	81	83	84	83	84	83	83	83	83	83	83	83	82	83	83	83	84	82	85	83.2
	MIN	78	75	79	78	78	76	78	76	75	76	73	79	73	77	78	74	70	79	79	74	73	79	76	79	74	77	77	78	75	75	76	76.3
LEONE	MAX	89	88	87	87	88	85	83	81	82	84	82	84	86	87	84	90	89	89	81	80	85	81	89	88	90	88	90	89	87	89	85	86.0
	MIN	72	71	70	76	75	72	73	74	73	69	72	74	72	70	67	68	71	70	71	70	74	71	69	70	71	74	75	74	74	74	74	71.9
FRENCH FRIGATE SHOALS	MAX	88	85	86	86	84	84	85	86	86	87	85	86	85	85	84	83	85	84	83	83	83	83	84	82	86	84	84	82	82	81	75	84.1
	MIN	75	75	76	70	69		76	73	73	72	70	71	72	69	72	70	72	69	72	72	74	75	73	75	76	69	69	71	73	67	71	72.1
MIDWAY SAND ISLAND	MAX	84	84	81	79	76	75	79	77	78	80	77	79	80	79	79	81	83	80	81	83	82	84	83	81	79	78	80	75	75	74	76	79.4
	MIN	76	74	70	65	65	66	69	66	66	69	65	70	71	70	70	71	71	71	71	75	76	73	73	70	71	71	72	66	69	66	65	69.8
PAGO PAGO WSO AP	MAX	84	85	85	86	81	81	81	81	83	80	79	82	83	83	82	86	86	82	81	79	84	79	86	84	86	85	86	86	86	82	83	83.2
	MIN	79	77	77	76	74	74	74	76	74	71	74	74	69	67	73	70	78	76	72	73	73	70	71	77	75	78	77	77	78	76	75	74.4
SWAINS ISLAND																																	
* * *																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	84	86	87	85	79	80	83	85	86	85	83	85	85	85	86	85	84	85	86	85	86	85	87	87	84	83	87	85	86	83	84	84.5
	MIN	77	78	79	76	76	77	77	80	79	78	78	79	76	80	79	79	77	76	78	79	79	79	75	75	75	75	75	78	77	76	78	77.4
CLARK AFB LUZON	MAX	88	88	90	88	90	88	79	79	79	88	82	86	88	88	81	79	88	90	88	88	90	88	88	88	88	88	90	90	88	88	79	86.5
	MIN	75	75	75	75	73	73	73	73	73	73	75	73	73	75	75	72	75	75	75	75	75	75	75	77	75	75	75	73	75	72	75	74.3
GUAM NAS	MAX	87	87	87	85	80	82	83	88	88	85	83	87	88	89	87	85	86	88	87	87	87	89	88	87	88	85	80	84	85	84	86	85.8
	MIN	77	78	78	77	75	75	76	78	79	79	77	78	77	78	77	77	76	76	79	77	78	78	76	75	76	74	74	77	79	77	77	76.9
GUAM WSO	MAX	87	85	85	86	78	80	84	86	87	86	82	87	87	87	86	87	87	88	88	87	87	86	85	86	84	86	81	85	86	84	84	85.3
	MIN	72	74	73	73	72	71	73	75	73	73	73	71	70	69	74	74	71	71	69	67	68	72	73	73	71	73	74	74	72	74	74	72.1
SAIPAN USCG LORAN	MAX	88	95	89	88	89	85	82	88	89	88	87	87	88	89	88	88	84	88	86	87	88	87	87	88	88	88	88	87	88	87		87.6
	MIN		77	77	75	75	79		77	76	75	76	74	74	73	79	75	74	74				74	76	72	76	73	75	74	79	72		75.3
WAKE WSO AP	MAX	88	89	90	89	88	89	90	90	90	89	90	86	90	86	85	84	85	85	80	89	80	89	85	87	86	87	88	87	86	87	85	87.3
	MIN	76	77	77	75	75	75	75	76	78	73	78	75	77	74	72	72	71	73	74	76	76	76	75	75	74	74	75	77	75	76	74	74.8
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	88	88	89	90	88	90	87	88	89	89	89	89	90	89	88		88	89	89	93	89	89	87	88	89	88	88	87	86	86	87	88.5
	MIN	77	76	77	71	78	76	77	75	75	76	76	77	77		76	76	77	77	78	78	77	73	77	77	77	75	72	73	76	76	74	75.9
FALALOP I, ULITHI	MAX	82	85	85	86	87	84			87			80	85	88	88		85		84	89	86	86		86	85	85	85	86	85	86	87	85.5
	MIN																																
KAPINGAMARANGI ATOLL	MAX	87	85	87		90	84	86	87	87	87	86	85	85	85	84	85	89	88	89	89	89	89	90	91	89	88	89	88	87	87	88	87.3
	MIN	74	77	77		71	73	75	76	74	74	73	73	73	74	74	77	75	71	74	79	74	75	78	76	73	76	79	76	76	75	75	74.9
KOROR WSO	MAX	86	84	82	83	83	86	89	90	90	89	89	89	90	90	89	90	92	90	90	88	88	89	88	89	91	88	84	88	91	90	89	88.2
	MIN	74	73	73	75	74	74	75	77	79	76	72	73	74	74	77	77	77	78	77	76	75	75	73	76	76	76	76	77	77	76	77	75.5
KWAJALEIN WSO AP	MAX	87	87	86	88	85	83	84	87	85	86	87	87	86	87	87	88	86	86	87	86	86	87	86	87	86	86	84	84	86	86	85	86.1
	MIN	78	79	79	76	75	74	73	76	74	76	76	77	77	78	76	79	79	78	79	76	79	79	77	80	75	73	76	78	78	78	76	76.9
LELE I, KUSAIE	MAX	88	89	88	85	89	90	88	86	80	82	84	88	87	86	90	86	84	85	87	86	87	87	85		86	88	86	88	88	86	87	86.5
	MIN	74	74	74	74	75	76	73	73	66	67	71	75	73	72	76	76	76	73	75	72	77	76	75		75	74	73	75	73	75	76	73.8
MAJURO WSO AP	MAX	85	86	84	85	82	82	84	83	83	82	85	86	86	83	84	85	87	86	85	84	85	86	85	84	83	86	85	85	82	85	85	84.5
	MIN	78	77	77	76	73	74	74	74	76	75	75	78	76	75	75	79	79	80	78	76	77	79	76	75	77	76	79	75	74	78	79	76.4
METALANIM	MAX	88	88	88	88	88	87	85	88	88	88	79	87	87	89	90	89	87	86	89	87	85	89	88	89	89	87	86	89	87	89	88	87.5
	MIN	72	74	75	70	75	75	74	74	75	74	73	70	70	81	75	74	73	72	75	76	75	76	75	79	75	74	71	72	74	74	75	74.1
PONAPE WSO	MAX	89	90	89	89	87	89	90	89	91	78	90	88	90	90	90	87	89	90	90	90	91	81	81	88	82	87	90	86	86	88	87	87.8
	MIN	72	73	73	72	71	73	73	73	74	73	72	70	71	71	74	73	73	74	73	73	74	74	72	75	74	75	74	72	74	74	75	73.0
TRUK, MOEN I, WSO AP	MAX	87	89	86	86	88	85	87	89	85	88	86	89	88	88	88	89	89	89	88	86	88	87	85	86	87	85	84	88	86	87	88	87.1
	MIN	75	74	74	74	74	74	73	75	75	74	76	74	73	76	75	76	77	77	77	72	77	76	77	73	73	74	73	78	77	74	76	74.9
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	85	80	82	84	84	85	86	87	88	87	84	81	85	84	85	88	87	88	88	88	86	85	87	87	87	87	87	87	88	86	88	85.8
	MIN	72	72	74	72	74	74	72	76	76	76	74	74	75	73	73	74	75	77	73	76	74	73	74	76	75	75	73	73	74	75	77	74.2
	MAX																																
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	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	26	NE	11	-	81	81	93	4	4	9	6	5	1	29	44	-
HILO, HAWAII, WSO AP	21	1.5	6.2	21	E	29	93	89	78	88	1	8	16	4	2	0	31	25	8.3
HONOLULU, OAHU, WSO AP	6	11.1	12.6	28	NE	09	73	69	55	67	11	6	1	2	0	0	20	66	6.1
JOHNSTON ISLAND WSO AP	9	12.9	14.1	36	E	10	78	77	72	78	9	12	3	0	1	0	25	64	7.0
KAHULUI, MAUI, WSO AP	5	12.0	13.6	31	E	28	74	68	51	68	9	1	1	0	0	0	11	75	5.1
KOROR WSO AP	-	-	-	29	W	03	87	-	79	79	0	5	11	2	3	3	24	49	9.0
KWAJALEIN WSO AP	8	9.8	11.6	38++	8	26	82	82	77	80	2	8	11	2	5	0	28	-	8.4
LIHUE, KAUAI, WSO AP	6	10.5	12.5	25	NE	07	79	77	67	77	7	10	6	2	0	1	26	35	6.6
MAJURO WSO AP	-	-	-	29	E	28	79	83	78	78	1	10	10	3	2	2	28	66	8.5
PAGO PAGO WSO AP	11	10.0	12.7	40	E	19	87	86	79	84	1	9	8	1	8	1	28	47	8.4
PONAPE WSO AP	-	-	-	17	NE	29+	90	-	76	77	3	6	5	6	3	3	26	45	8.4
TRUK, MOEN I, WSO AP	-	-	-	27	S	25	86	-	79	77	2	8	6	3	6	3	28	38	9.0
WAKE WSO AP	8	11.0	13.5	34	E	31	83	83	68	76	2	11	10	0	0	0	23	38	6.4
YAP WSO AP	-	-	-	21	E	21	90	-	82	79	1	7	10	5	3	2	28	43	8.3

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.25	.35	.37	.30	.27	.19	.28	.27	.30	.33	.33	.26	.26	.24	.26	.30	.31	.44	.31	.17	.45	.36	.19	.35	.25	.32	.38	.31	.24	.28	.17	9.09
	WIND	211	183	107	90	76	119	228	278	243	220	206	188	182	239	213	176	112	164	231	209	205	187	148	233	250	214	211	237	227	138	54	5779
	MAX	84	86	88	86	87	84	83	82	81	86	85	84	87	87	85	87	83	84	77	82	81	82	81	83	79	83	86	84	82	86	89	84.0
	MIN	68	68	66	67	67	69	70	68	68	68	64	68	68	69	67	68	66	65	66	66	66	65	65	67	67	67	66	66	67	68	68	67.0
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.36	.27	.38	.29	.30	.35	.30	.33	.43	.30	.30	.22	.21	.30	.20	.04	.32	.24	.18	.19	.21	.19	.30	.32	.37	.35	.35	.30	.32	.20	8.72
	WIND	40	33	29	29	22	52	56	48	53	59	47	30	32	34	26	29	21	35	29	28	32	39	26	42	46	39	42	43	37	38	24	1140
	MAX	90	93	94	97	98	96	89	89	90	93	91	90	91	91	90	91	83	91	86	89	91	88	87	90	90	91	90	90	87	89	92	90.5
	MIN	70	69	69	70	76	72	70	70	69	69	69	69	69	69	68	68	68	70	68	68	67	68	66	66	67	68	68	68	67	69	69	68.8

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.35	.35	.31	.35	.30	.23	.39	.31	.34	.16	.20	.34	.27	.13	.25	.24	.24	.29	.36	.32	.24	.38	.35	.35	.30	.26	.40	.36	.35	.22	.29	9.23
	WIND	186	153	122	119	127	179	240	239	237	259	243	212	135	137	115	171	113	177	197	176	198	235	220	240	264	214	264	239	186	180	188	5965
	MAX	94	93	95	94	93	89	89	89	90	84	87	92	88	85	91	92	92	91	91	92	89	88	90	89	86	88	87	88	88	87	91	89.7
	MIN	74	75	74	73	74	75	75	74	75	73	74	75	73	74	74	75	74	75	74	74	74	74	74	74	75	74	73	72	72	73	75	74.0
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																																	
GUAM WSO	EVAP	.23	.15	.12	.22	.01	.18	.20	.19	.23	.09	.20	.13	.24	.28	.18	.09	.15	.15	.20	.14	.30	.18	.23	.28	.22	.04	.01	.21	.23	.17	.08	5.33
	WIND	49	67	59	117	98	185	118	89	41	23	98	52	38	36	49	55	22	22	38	39	54	65	71	113	130	129	92	173	164	156	120	2562
	MAX	94	87	91	92	85	80	95	94	95	89	83	94	95	95	93	92	89	95	93	92	92	90	90	88	86	82	80	86	89	85	87	89.6
	MIN	73	73	73	73	72	70	70	70	73	74	73	72	73	72	74	73	74	73	72	70	70	72	70	71	72	72	72	73	73	73	73	72.2

See Reference Notes Following Station Index

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MD			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MD			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892		9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		6A		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	8A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND	R	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF QL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
▣ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
▣CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUD DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C. 1/30/74-1100

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

‖ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing. If average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

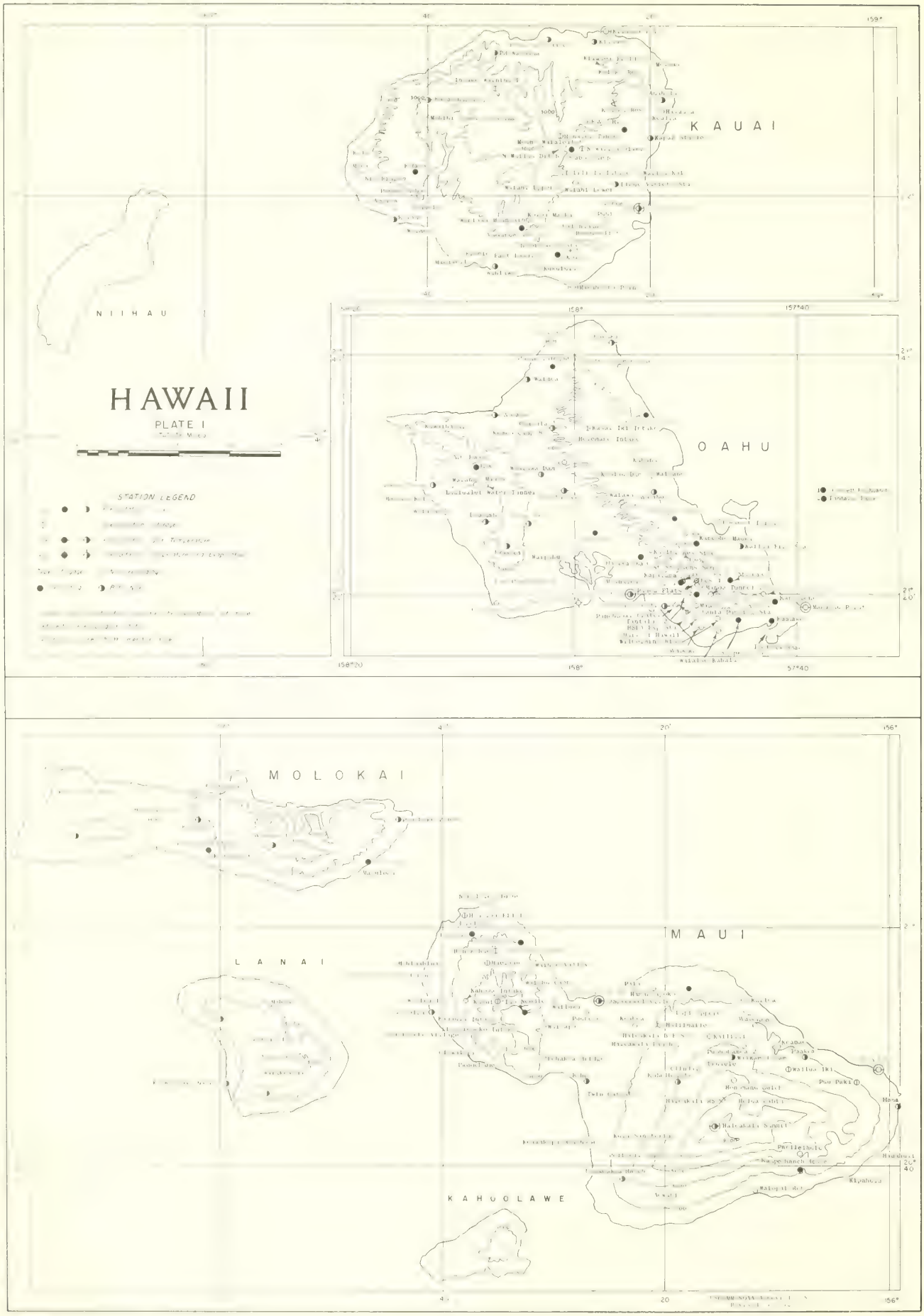
General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA. The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

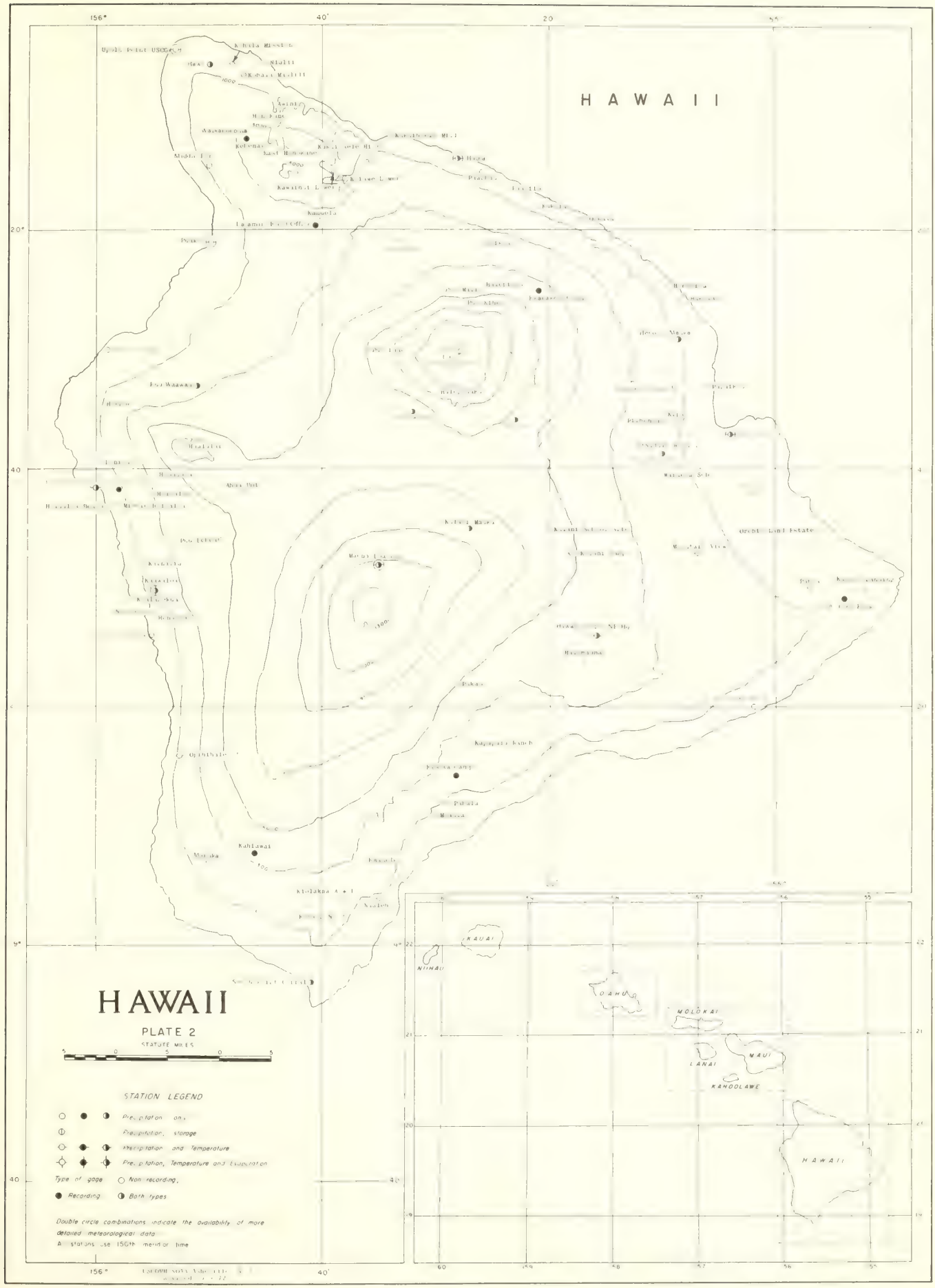
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

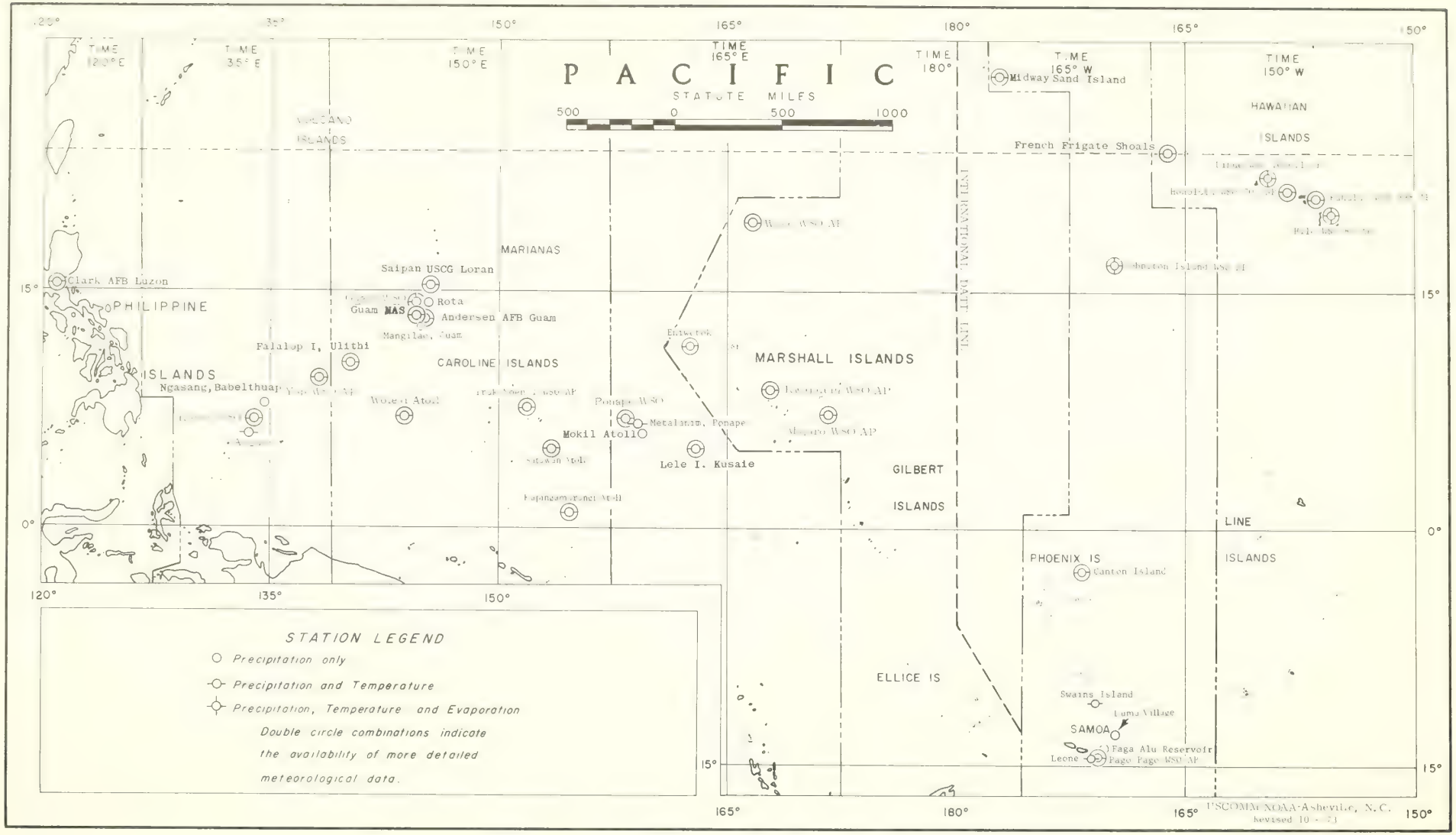
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

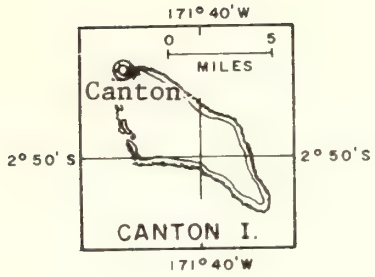
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

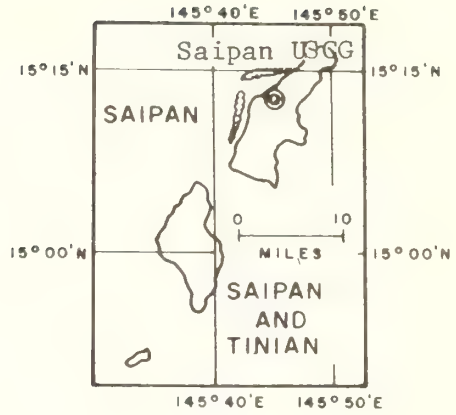
William H. Haggard
Director, National Climatic Center

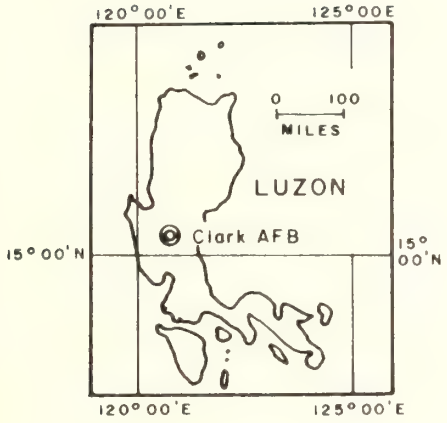

KAUAI
NIIHAU
HAWAII
PLATE I
STATION LEGEND
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE

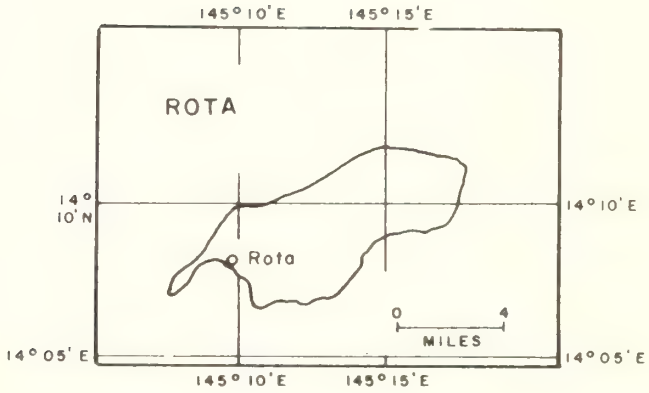

HAWAII
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

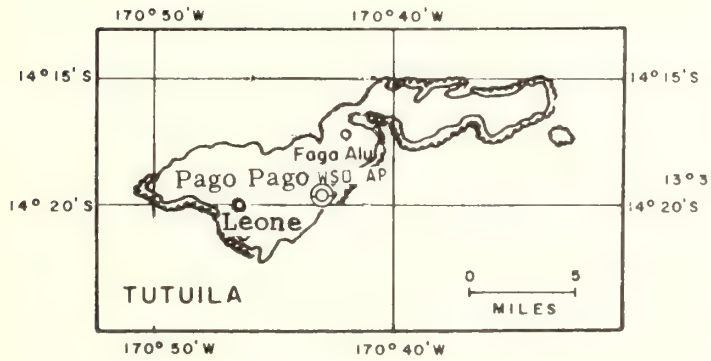

P A C I F I C
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Rota
Guam MAS
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Ngasang, Babelthuap
CAROLINE ISLANDS
Woleai Atoll
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Lele I. Kusaie
Eniwetok
MARSHALL ISLANDS
GILBERT ISLANDS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
LINE ISLANDS
PHOENIX IS
Canton Island
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Pago Pago WSO AP
Leone
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

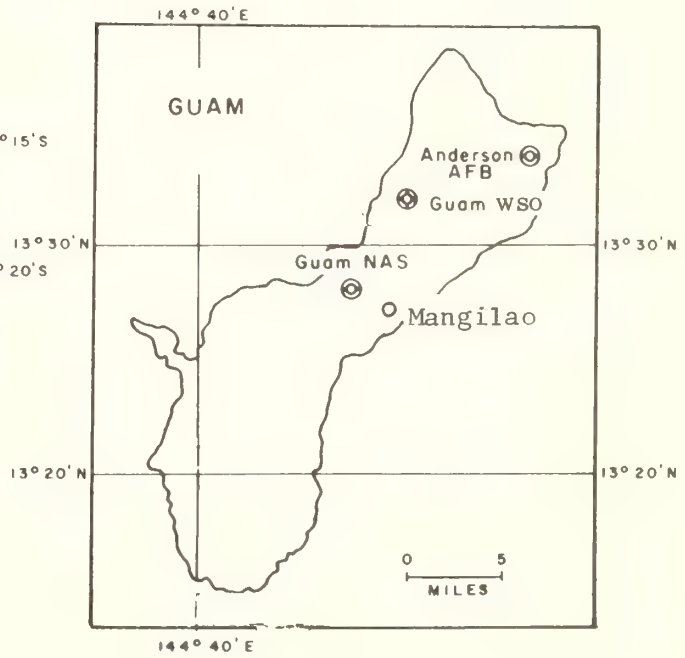

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

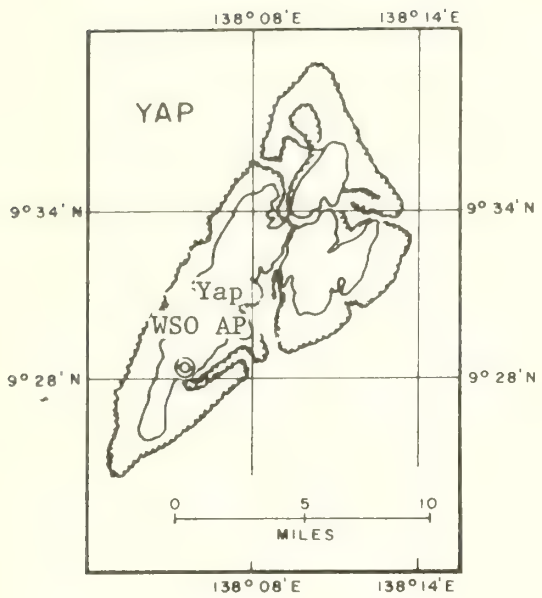

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

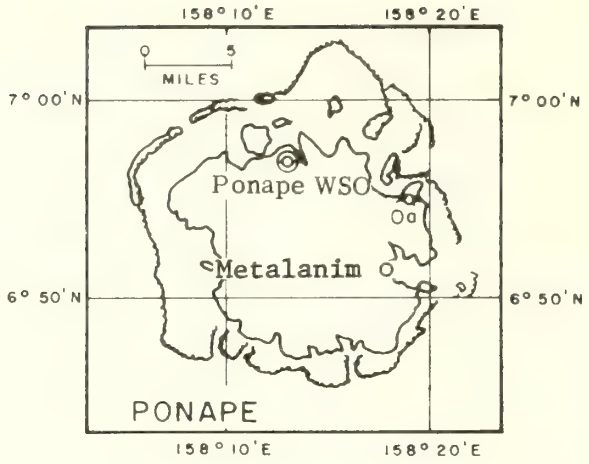

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

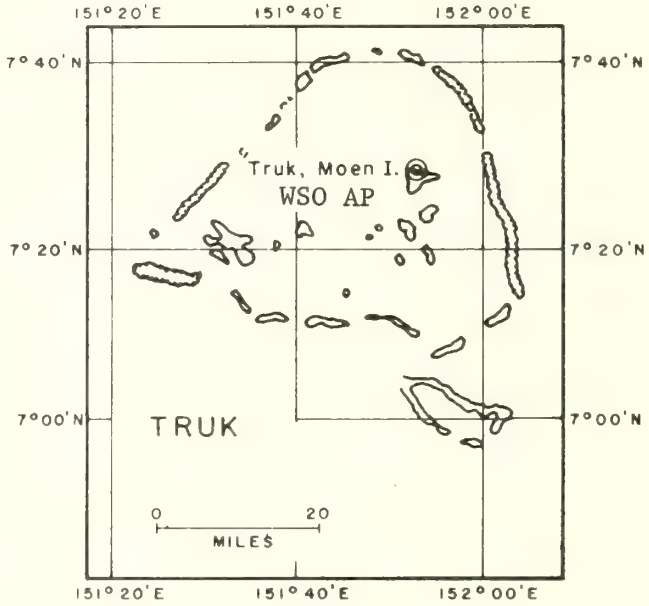

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

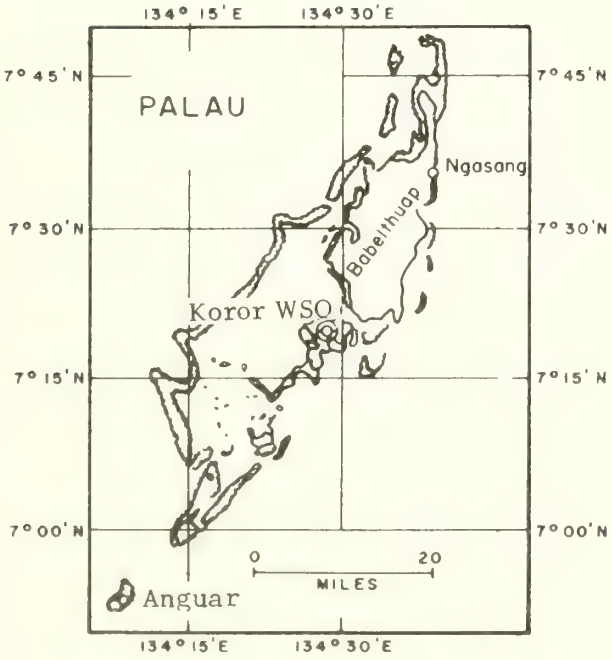

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

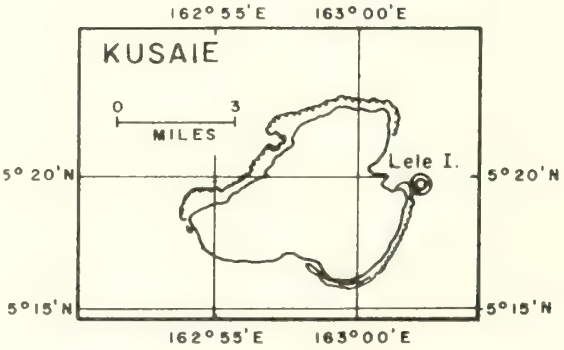
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

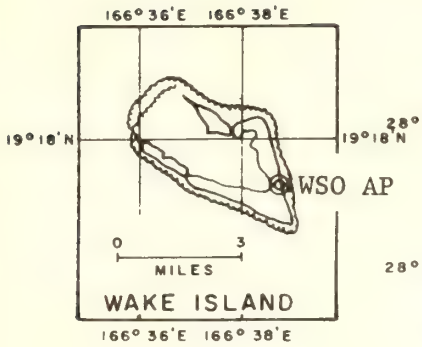

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

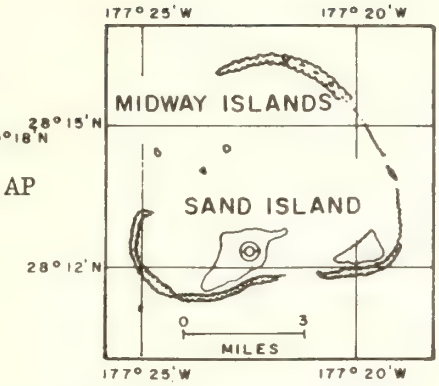

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

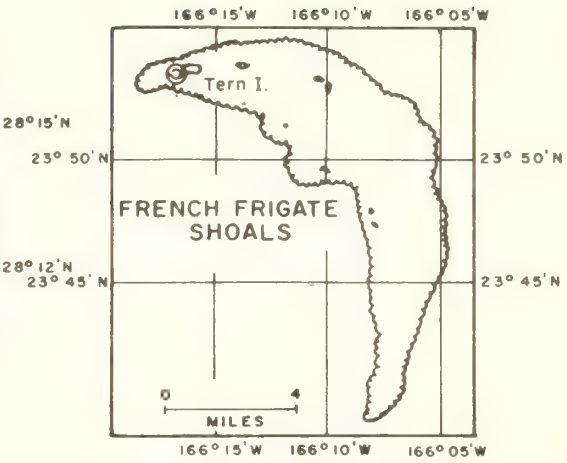

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

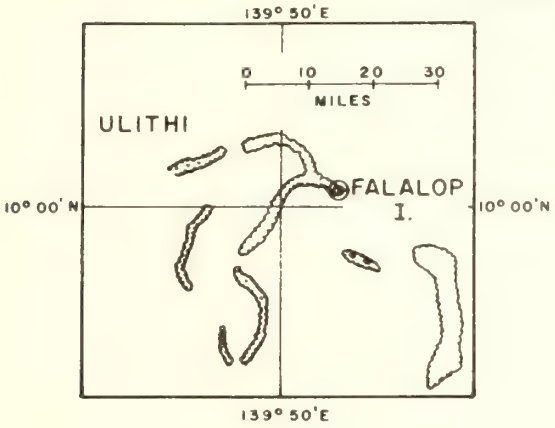

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

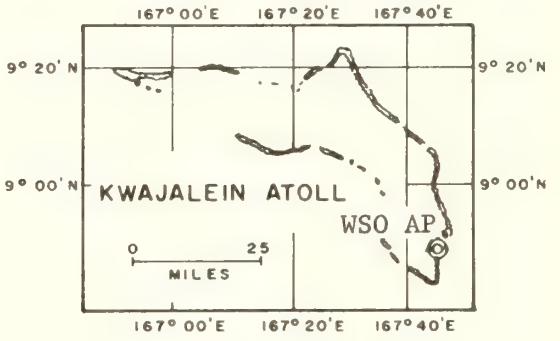
— Reef

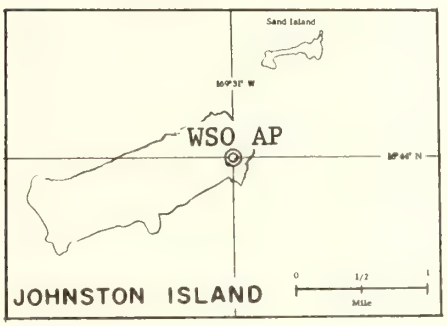

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

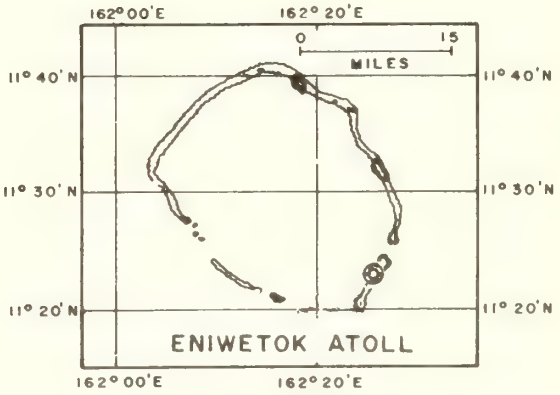

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

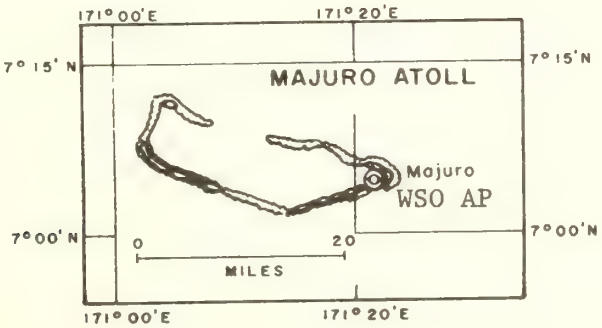

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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FEDERAL BUILDING
ASHEVILLE, N C 28801

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CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE			
2 STATIONS	90	DATE	18+
LOWEST TEMPERATURE			
MAUNA LOA SLOPE OBS., HAWAII	32	DATE	25+
GREATEST TOTAL PRECIPITATION			
MOUNT WAIALEALE 1047, KAUAI	53.20		
LEAST TOTAL PRECIPITATION			
KONA VILLAGE 93.8, HAWAII	.11		
GREATEST 1 DAY PRECIPITATION			
HONOHINA 137, HAWAII	13.94	DATE	13

EMBER
1973
ume 69
No. 11
eville, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature											Precipitation								
									No. of Days								Snow Sleet			No. of Days	
									Max.		Min.										
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														11.00	6.24	5.50	20	.0	0				2
KANALOHULUHULU 1075		68.1	50.8	59.5		74	9	45	28		0	0	0	0	11.56		5.21	20	.0	0		9	4	3
KAPAA STABLES 1104	A														14.26		5.25	20	.0	0				
KILAUEA FIELD 17 1135	A														14.56	6.28			.0	0				
KILAUEA POINT 1133		81.2	69.4M	75.3M		90	1	64	3		1	0	0	0	12.07		2.02	10	.0	0		14	7	5
KOLOA 936	A														16.29	10.22	4.58	20	.0	0				
LIHUE WSO 1020.1 AP	//R	80.3	70.7	75.5	1.0	84	9	66	6		0	0	0	0	12.15	7.62	4.40	19	.0	0		9	5	2
MANA 1026		84.3	65.5	74.9	.2	88	6	60	12		0	0	0	0	8.30	6.25	4.67	20	.0	0		5	2	2
N WAILUA DITCH 1051	A														30.79		5.77	20	.0	0				
PH WAINIHA 1115															15.93	5.96	3.80	20	.0	0				
PUEHU RIDGE 1040															10.86		5.40	20	.0	0		7	3	3
WAHIAWA 930	A														10.33	7.24	3.48	20	.0	0				
WAIAHI LOWER 1054		80.0	64.8	72.4		85	10+	60	10+		0	0	0	0	23.79		5.27	20	.0	0		21	11	6
WAIMEA 947															9.63	7.89	4.93	20	.0	0		4	3	2
ISLAND				71.5											14.39				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		82.3	69.8	76.1		85	10+	64	19		0	0	0	0	4.51		1.27	11	.0	0		8	3	2
HONOLULU OBSERV 702.2															2.60		1.17	29	.0	0		7	1	1
HONOLULU WSO 703 AP	R	84.0	70.0	77.0	1.1	87	17+	65	14+		0	0	0	0	3.73	1.57	1.43	29	.0	0		8	2	1
KANEOHE MAUKA 781		80.3	69.8	75.1	.9	84	6	67	30+		0	0	0	0	11.30	6.02	2.54	11	.0	0		14	5	4
KOOLAU DAM 833	A														12.86	4.87	3.10	12	.0	0		16	6	4
LUALUALEI 804	A	84.3M	68.2M	76.3M		88	17+	63	8		0	0	0	0	4.36		.90	20	.0	0				0
MAKAPUU POINT 724		78.6	68.7	73.7		83	7+	62	25		0	0	0	0	4.38	2.09	2.00	11	.0	0		3	3	2
NUUANU RES 4 783															11.56	2.25	2.74	29	.0	0		14	7	3
OPAEULA 870	A	81.8	65.8	73.8	3.6	84	29+	63	28+		0	0	0	0	2.84	- 2.17	.90	12	.0	0			3	0
PALOLO VALLEY 718	R														14.54	3.43	3.92	29	.0	0		14	7	5
PRI WAHIAWA 820.2	A	81.6	63.0	72.3		87	15	60	14+		0	0	0	0	3.60				.0	0				
WAHIAWA DAM 863	A														4.69		1.51	2	.0	0				
WAIAHOLE 837	A														17.80	5.97			.0	0				
WAIALEE 896.3		81.5	69.2	75.4		85	6+	65	4		0	0	0	0	4.05		.78	9	.0	0		9	4	0
WAIALUA 847	A	83.5	64.8	74.2	.8	89	3	60	14+		0	0	0	0	2.25	- .10	.96	20	.0	0		4	2	0
WAIKIKI 717.2		84.1	68.5	76.3		87	15	64	15+		0	0	0	0	7.95		5.86	29	.0	0		6	3	1
WAIMANALO EXP FARM		82.1	70.2	76.2		86	5+	65	6+		0	0	0	0	7.12		3.24	11	.0	0		5	3	2
WAIPAHU 750	A														1.87	- .69			.0	0				0
ISLAND				75.1											6.78				.0					
* * *																								
ISLAND OF MOLOKAI																								
KALAPUU 534	A														2.05	- 1.05	.77	29	.0	0				0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														3.02	.27	1.37	29	.0	0			2	1
MOLOKAI AP 524			66.8	M				62	15+		0	0	0	0	1.33		.70	29	.0	0		3	1	0
ISLAND															2.13				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	77.6M	62.0M	69.8M	1.2	82	19+	58	26		0	0	0	0	8.59	5.73	7.40	29	.0	0		5	2	1
ISLAND				69.8											8.59				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														11.46	5.22	5.20	13	.0	0		6	5	3
HALEAKALA RS 338		61.6	44.6	53.1		69	7	40	14+		0	0	0	0	14.00		5.44	13	.0	0		10	5	3
HANA AIRPORT 355		81.0M	69.2M	75.1M		85	11+	65	14		0	0	0	0	7.84		1.39	11	.0	0		13	7	3
HONOKOHUA 493	A														3.75	.43			.0	0				
KAANAPALI AIRPORT		82.2	68.0	75.1		85	23+	64	24		0	0	0	0	1.04		.23	13	.0	0		6	0	0
KAHULUI WSO 398 AP	R	84.1	66.8	75.5	.5	88	14+	62	5+		0	0	0	0	.98	- .54	.24	12	.0	0		5	0	0
KAILUA 446		M	M	M		81	12+	64	26+		0	0	0	0	13.17	3.12			.0	0				
KEANAE 344	A														24.10	5.28			.0	0				
KIPAHULU 258															10.13	1.03	2.40	13	.0	0		15	7	2
KULA SANATORIUM 267		72.6	58.2	65.4	1.0	76	22	55	25		0	0	0	0	1.75	- .25	.46	13	.0	0		6	0	0
LAHAINA 361		85.7	66.7	76.2		90	18	64	23+		1	0	0	0	1.04	- .17	.35	29	.0	0		4	0	0
PAIA 406															2.88	- .03	1.23	12	.0	0		5	2	1
WAILUKU 386	A	M	M	M		88	1	65	6		0	0	0	0	3.06	.72			.0	0				
ISLAND				70.1											7.32				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		80.3	66.2	73.3	1.3	86	20+	63	14		0	0	0	0	17.13	11.46	8.42	13	.0	0		10	6	4
HAWAII VOLCNS NP HQ 54		67.5M	53.4M	60.5M	- .3	71	9	47	7		0	0	0	0	18.40	8.22	7.00	20	.0	0		13	8	5
HILO WSO 87 AP	R	83.2	67.6	75.4	2.2	87	7+	64	17+		0	0	0	0	26.88	13.51	6.21	12	.0	0		19	14	6
HUEHUE 92.1	A														1.20	- 1.73			.0	0			0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature								No. of Days				Precipitation				Snow Sleet			No. of Days		
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max. 90° or Above	Max. 32° or Below	Min. 32° or Below	Min. 0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	1.0" or More	50 or More	.1 or More
KAINALIU 73.2		78.3	62.1	70.2		81	10	59	26		0	0	0	0	2.31	- 1.96	.67	13	.0	0		6	2	0
KEAAU 92		80.0	65.6	72.8	.2	84	11	63	15+		0	0	0	0	28.80	14.87	9.10	13	.0	0		18	14	9
KEALAKEKUA 26.2															*				.0	0				
KONA (KAILUA) 68.3	A	84.1	69.7	76.9		88	30	66	14		0	0	0	0	.25		.09	21	.0	0		0	0	0
KUKUIHAELE MIC 199															12.40	5.64	4.64	13	.0	0		13	4	3
KULANI CAMP 79		63.4	47.8	55.6		67	30+	42	7+		0	0	0	0	20.69		6.25	20	.0	0		13	7	6
PAHALA 21	A	80.0M	63.4M	71.7M	- .1	82	27+	61	19+		0	0	0	0	13.61	8.17	5.10	20	.0	0		10	5	4
POHAKULOA 107	A														3.27				.0	0				
PUAKO 95.1	A	82.4	67.3	74.9		84	26+	64	29+		0	0	0	0	1.21		.56	12	.0	0		3	1	0
PUU WAAWAA 94.1	A														2.11	.02	1.63	27	.0	0		3	1	1
UMIKOA 118															23.95	17.55	12.00	13	.0	0				
WAIAKEA SCD 88.2															31.33		6.35	13	.0	0		20	13	10
ISLAND				70.1											12.74				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	100 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND		90.2	75.7	83.0	- .6	92	17+	72	17		26	0	0	0	.01	- 1.60	.01	25	.0			0	0	0
FAGA ALU RESERVOIR															30.64		4.50	9	.0	0		26	19	11
JOHNSTON WSO AP	R	82.1	74.7	78.4	- 1.2	84	28+	67	26		0	0	0	0	7.41	5.35	3.39	24	.0	0		10	2	2
KEDNE		87.2	73.1	80.2		91	27+	70	5		4	0	0	0	23.37		3.30	8	.0	0		21	15	9
FRENCH FRIGATE SHOALS		82.2M	71.3M	76.8M		86	3	65	19		0	0	0	0	3.22		1.07	19				5	2	1
LIMA VILLAGE															17.79		3.02	4	.0	0			13	7
MIDWAY SAND ISLAND		77.8	68.3	73.1		82	8+	60	13		0	0	0	0	5.54		2.46	27	.0	0		10	4	1
PAGO PAGO WSO AP	R	84.2	75.0	79.6		88	27+	72	28+		0	0	0	0	18.93		3.22	3	.0	0		21	11	7
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		85.6	78.6	82.1		89	23	77	27+		0	0	0	0	2.44		.86	22	.0	0		7	1	0
CLARK AFB LUZON		88.1	74.2	81.2		91	18+	72	10		19	0	0	0	3.00		1.34	22	.0	0		5	2	1
GUAM NAS		86.1	77.7	81.9		88	7+	76	30+		0	0	0	0	2.73		.64	15	.0	0		10	1	0
GUAM WSO	R	86.0	72.9	79.5	.2	87	29+	68	26+		0	0	0	0	2.08	- 8.21	.35	25	.0	0		9	0	0
MANGILAO															3.46		.50	15	.0	0		12	1	0
ROTA															6.41		1.50	15	.0	0		11	4	2
SAIPAN USCG LORAN		87.4M	74.7M	81.1M		89	12+	69	29		0	0	0	0			.62	1	.0	0		15	1	0
WAKE WSO AP	R	85.6	74.1	79.9	- .5	88	10	70	11		0	0	0	0	2.25	- .83	.94	11	.0	0		6	1	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															31.89		4.04	11	.0	0		15	15	13
ENIWETOK		87.6M	75.2M	81.4M	- 1.2	91	22	72	9		1	0	0	0	1.82	- 4.48	.42	23	.0	0		7	0	0
FALALOP I, ULITHI		86.1		M		89	24				0	0	0	0	6.30		1.64	18	.0	0		11	3	2
KAPINGAMARANGI ATOLL		87.2	76.4	81.8		91	3	74	22+		2	0	0	0	2.86		.79	14	.0	0		6	3	0
KOROR WSO	R	88.4	76.0	82.2	1.0	92	3	73	21+		14	0	0	0	16.56	3.63	3.45	10	.0	0		16	11	5
KWAJALEIN WSO AP	R	86.7	78.3	82.5	1.2	88	20+	73	17		0	0	0	0	3.51	- 8.62	.86	17	.0	0		10	2	0
LELE I, KUSAIE		86.9	76.0	81.5		90	20+	72	7		2	0	0	0	11.64		2.34	10	.0	0		17	6	4
MAJURO WSO AP	R	84.7	76.7	80.7	.2	87	27	72	20		0	0	0	0	14.21	- 1.71	4.37	23	.0	0		12	8	4
METALANIM		87.1	73.8M	80.5M		90	27+	70	20+		2	0	0	0	15.70		4.00	6	.0	0		15	8	6
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															14.88		3.21	10	.0	0				
PONAPE WSO	R	88.4	74.8	81.6	1.7	90	26+	72	29+		6	0	0	0	10.38	- 6.47	1.21	6	.0	0		19	10	1
SATAWAN ATOLL															8.95		1.77	5	.0	0		19	5	2
TRUK, MOEN I, WSO AP	R	87.0	77.3	82.2	1.4	89	24	74	14		0	0	0	0	8.59	- 3.77	1.17	2	.0	0		19	5	1
WOLEAI ATOLL		88.8M	76.0M	82.4M		91	28+	71	1		14	0	0	0			2.02	20+	.0	0		17	9	5
YAP WSO AP	R	86.9	75.5	81.2	- .3	89	14+	72	29		0	0	0	0	10.57	- .58	2.90	17	.0	0		13	7	3

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
• • •																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	11.00		.10								•	•	.50				.09	•	•	.23	5.60	2.40	•	•	•	•	.35	.10	.35	.95	.50	
BRYDESWOOD STA 985	A	15.28	.16	.02	•	•	.01	T		.03		•	•	3.34	.12	.10	T	.13	•	•	.25	4.54	3.62	•	•	•	•	1.76	•	.04	.75	.04	
EAST LAWAI 934	A	14.09	.03	.11	•	•	.01					•	•	2.04	.55	.15		.03				4.30	3.66	•	•	•	•	1.30	.03	.97	.80		
ELEELE 927	A	10.61	.03	.03			T					•	•	1.91	.01	.03		T	•	•	.02	3.93	3.90	•	•	•	•	.43	T	.42	.90	-	
HALAULA 1110	A	10.70		.17								•	•	.99				.25	•	•	.18	5.90	2.30	•	•	•	•	.53	.10	.10	.30	.45	
HALENANAHO 1006	A	18.99	.17	.21	•	•	.04			.05		•	•	5.00	.80	.20		.07	•	•	.33	8.31	3.31	•	•	•	•	1.74	.05	.71	.72	.24	
HUKIPO 945		9.67	.02									.17		.64								5.40	3.43										
ILILIULA INTAKE 1050	A	34.88	.11	1.24	•	•	.12				.01	•	•	8.00	1.46	2.12	.02	.24	•	•	.40	6.32	3.95	•	•	•	•	5.12	.37	2.18	2.94	.28	
INTAKE WAINIHA PC 1088	A	19.73	•	.73								•	•	6.61	•	•	.80	•	•	•	.05	4.70	3.22	•	•	•	•	3.92	•	•	•	•	
KANALOHULUHULU 1075		11.56	.21	1.29		.02					.01	.25	.02	.84	.02	.03	.01				.05	5.01	2.92	.03		.15	.07	.2	.1		.21	.1
KANEHA RESERVOIR 1092	A	71.04	.30	1.95	•	•	.10	.02			.85	•	•	3.64	.70	.06		.07	•	•	.3	6.00	3.66	•	•	•	•	1.1	.11	.03	.85	.50	
KAPAA STABLES 1104	A	14.26	.16	.02				.03		.04	.02	•	•	1.08	.04	.03	.1	.02	•	•	.06	8.5	2.48	•	•	•	•	.5	.03	.42	1.10	3.4	
KEALIA 1112	A	12.28	.02	.05								•	•	.88			.02				.21	6.00	2.25	•	•	•	•	.33	.01	.5	1.15	1.2	
KEKAHA 944		9.69	.08									.27		.54							.21	5.44	3.3			.05							
KILAUEA 1134	A	13.30	.03	.03							.05			3.42	.30		.02	.01			.08	3.40	2.25		.28			.29	.16	1.09	1.60	.29	
KILAUEA FIELD 17 1135	A	14.56	•	.78	•	•	•	•	•	•	.21	•	•	•	•	•	•	3.00	•	•	•	•	•	•	6.52	•	•	•	•	•	•	4.05	
KILAUEA POINT 1133		12.07	.02			.01					.13	2.02	.40	.04	.03			.05		.01	1.9	1.90	.10	.69	.20	.12	.15	.12	.74	1.65	.8	1.75	
KOLO 1033		9.86	.43			.82						.12		.38							.57	4.52	2.53		.47	.03					.03		
KOLOA 936	A	16.29	.07		•	•	.05			.04		•	•	4.28	.90	.10	.03				.08	4.98	3.92	•	•	•	•	.81	.1	.72	.70	.02	
KOLOA MAUKA 994	A	20.34	.06	.23	•	•	.16					•	•	4.86	.99	.41		.34	•	•	.15	5.01	3.32	•	•	•	•	2.45	.04	.56	.51	.26	
KOLOKO RES 1137	A	17.19	•	.52	•	•	•	•	•	•	.30	•	•	•	•	•	•	3.68	•	•	•	•	•	•	8.2	•	•	•	•	•	•	.67	
KUKUIOLA 935	A	12.26			•	•	.04					•	•	2.38	.45	T		.06	•	•	.03	4.21	3.82	•	•	•	•	.54	.36	.59	.20		
LIHUE VARIETY STA	A	19.39	.20	.14	•	•	.18			.13		•	•	7.35	.07	.12	.03	.03	•	•	.17	5.34	3.26	•	•	•	•	.49	.32	.79	.49	.04	
LIHUE 1020	A	13.77	.08		•	•	.14			.01	.02	•	•	3.18	.03	.09		.04	•	•	.20	5.80	3.17	•	•	•	•	.72	.13	.13	.08		
LIHUE WSO 1020.1 AP	//R	12.15		.01	T		T		T	.05	T	.06	.49	.17	.06	.01		T	T	.08	4.40	4.24		.01	.10	.21	.07	.02	.36	.7	.78	
MAKAHUENA POINT 940.1		14.86	.04		.95					.18			.20	3.87	.07	.05	.01	.02			.07	4.29	4.33							.40	.13	.25	
MAKAWELI 965	A	9.18	.02	.12								.41	.01	1.20	.01	.01					.03	3.53	3.32	.02		.13	.03			.4	.29	.04	
MANA 1026		8.30	.19		.02							.02		.34								4.47	2.74			.04	.04				.9		
MOHIHI UPR CROSS 1083	A	15.93	1.53	.18	.09							.20	1.98	.45	.09					.09	.09	4.56	2.79	.90	.27	.36	1.08	.09	.09	.10	.27	.54	.36	
MOLOAA 1145	A	12.61	.08	.06							.08	•	•	2.20	.06	.06				•	.08	5.80	1.94	•	•	•	•	.27	.02	.40	.73	.10	
MOUNT WAIALEALE 1047	R	53.20	.59	.12	.31					.04		.16	1.16	6.22	.61	.06	.67	1.66	.63	.24	4.53	6.30	.94	2.76	2.87	3.90	.65	2.48	2.40	5.31	1.44	.65	
NIU RIDGE 1035		10.43	.70									.26		.57								6	8.60								.30		
N WAILUA DITCH 1051	A	30.79	.33	1.19	•	•	.17	.02		.04	.12	•	•	5.70	1.32	.08	.02	.28	•	•	.51	5.77	3.40	•	•	•	•	4.8	.40	3.10	3.35	1.19	
PH WAINIHA 1115		15.93		.05								•	•	3.34	.55	.03	T	•	•	•	.04	3.80	2.92	•	•	•	•	2.20	•	.96	1.77	.26	
PRINCEVILLE RANCH 1117		17.26	.01	.03							.01	•	•	2.94	.22	.06	.19				.15	4.23	2.64	•	.38	•	•	.50	.31	1.78	1.50	1.10	
PUEHU RIDGE 1040		10.86	.20			.22						.12		1.04	.07							5.40	3.40								.68	.32	
PUHI 1013	A	18.16	.06	.12	•	•	.06			.03		•	•	6.12	.55	.04	.22	.10	•	•	.26	5.55	3.21	•	•	•	•	1.7	.10	.42	.28	.75	
RESERVOIR 6 1004	A	20.72	.05	.06	•	•	.11			.05		•	•	5.28	.83	.31		.27	•	•	.27	4.28	3.70	•	•	•	•	1.71	.02	.44	1.13	.16	
WAHIAWA 930	A	10.33	.20	T	•	•	.01					•	•	1.84	.01	T			•	•	.05	3.48	3.33	•	•	•	•	.43		.34	.75	-	
WAIAHI LOWER 1054		23.79	.13	.30	.03	.14				.04			1.78	3.14	.82	.13	.15	.36	.14	.02	.11	5.27	3.75	.12	.32	.83	.98	.4	.69	1.32	2.42	.09	
WAIAHI UPPER 1052		31.02	.35	.35	.07	.03						.10	2.00	4.94	1.60	.10	.5	.03	.05	.15	.10	5.50	3.7	.75	1.5	.10	.90	.9	1.8	.80	4.30	.55	
WAIAWA 943		8.99	.12									.22		.64							.16	4.75	3.05			.15					.02	
WAILUA KAI 1065	A	11.63	.10	.02						.03	.06	•	•	.80	.05		.04	.02	•	•	.15	5.90	3.4	•	•	•	•	.4	.11	.15	.40		
WAIMEA 947		9.63	.06									.32		.81								4.93	3.43			.08							
WEST LAWAI 931	A	10.03	.12		•	•	.05	T		T		•	•	2.58	.20	.01		.02	•	•	.02	3.25	2.48	•	•	•	•	.60	.03	.44	.23	T	
• • •																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		6.60		.86			T				.14	.21	.07								•	.58	T		T	.35	.42	.43	.1		3.30	.49	
CAMPBELL IND PK 702.5		6.19							T		.04	T	.07									.67	.36								3.20	2.35	
CAMP 84 807	A	2.47		.02								•	•	1.22	•	•	.03	•	•	•	.03	.57	.18	•	•	•	•	.13		.89	.21	•	
CHURCH COLLEGE IAIE		4.51			.03			.07		.03	.19	.03	1.27	.72	.01	.04	.29	T	.02	T		1.14	.14	.13	T	.12	.06	.07	T	T	.09	.02	
COCONUT ISLAND 840.1		6.02			.01					.03	.08		1.90	.18	.05							.10				.75		.04	.04	.34	2.94	.26	
EWA PLANTATION 741		2.54		.01								•	•	.67								.34	.08					.10		1.19	.15	
HELEMANO INTAKE 881	A	7.54	.49				T	•	•	•	•	•	•	1.74	•	•	.50	•	•	•	.30	•	•	•	•	•	•	4.31	•	•	.20	•	
HOKULOA 725.2	A	4.94	.87	•	•	•	•	•	•	•	•	1.22	.66	.14	•	•	•	•	•	•	•	•	1.90	•	•	•	•	.15	•	•	•	•	
HONOLULU OBSERV 702.2		2.60		.15									.33	.11	.06							.32	.13						.07		1.17	.26	
HONOLULU WSO 703 AP	R	3.73	.59		.01			T				.07	.16	.12	.01		T	T	T		T	.47		T	.03	.02	T	.31	T	.41	1.43	.10	
HONOLULU SUBSTA 704	R	5.16	.69										.24	.18	.01							.49			.25			.08		.77	2.10	.35	
H S P A EXP STA 707		7.96		1.25	.02						T		.01	.44	.32	.07	.03		.03			.54	T	.02		.35	.12		.07	.02	4.14	.51	
KAENA POINT 841.3		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
KAHANA 883	A	25.96	•	•	•	•	1.62	•	•	•	•	•	•	15.80	•	•	•	•	•	•	3.75	•	•	•	•	•	•	4.82	•	•	•	•	
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAILUA FIRE STA 791.3		5.35	.06	.04	.03					.16		.15	2.40	.31	.02				.04			.05	.01				.01	.11	.01	.03	1.90	.02	
KALIHI RES SITE 777	R	12.68	.50	.02		.02				.32	.30	.10	.96	3.60	.04	.92	.10	.08	.04			.28			.44	.12	.02	.66	.78	1.58	1.78	.02	
KANEOHE MAUKA 781		11.30								.02	.23		2.54	2.41	.26	.20	.18		.08			.80	.05	.04		.35	.10	.10	.10	.34	2.40	1.30	
KAPALAMA 773	A	12.35		2.02								•	•	2.75	.13		.03		•	•	1.70		.05	•	.15	•	•	1.03	1.77	.04	2.22	.50	
KAWAIHAPAI 841	A	2.79										•	•	1.88	.06	T						.70	.06	•	•	•	•	.01		.02	.08	.01	
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEMOO CAMP 8 855	A	2.54			•	•	.03					•	•	1.40								.85	.02	•	•	•	•	.10		.10	.04		
KOOLAU RAM 833	A	12.86		.42									1.25	3.10	.23	.11	.18	.22	.10			.32	.57	.04	2.83	1.63	.18	.20	.95	.30	.03	
LUALUALEI 804	A	4.36	•	.38	.50	.34				•	.05		.45	.63								.90			.04		.02		•	.83	.02	
LUALUALEI WTR TUNNEL	A	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
MAKAHA KAI 796.1	A	.78		T					T				T	.12								.52	.30			T			.04	T	T	.04	
MAKAHA PUMP 800.2	A	.67		.02									.06	.03								.48	.04								.02		
MAKAPUU POINT 724		4.38							.04				2.00	.02								.72	.01						.01	.07	1.45	.68	
MANOA 712.1		12.39		.84	.02	.02				.02				1.49	1.65	.34	.10		.27			.73				1.20	.28	.03	.36	.25	4.30	.54	
MANOA TUNNEL 2 716	R	16.26	.30		.02		.02		.10	.14	.52		2.06	4.04	.14	.38	.22	.12	.18			.12			1.30	.36	.02	2.08	.52	1.30	2.48	.14	
MOANALUA 770		4.02		.94					.01		•	.02	.02	.47	.12	.01		.01	.01	•	•	.37	T	.03		.32	.07	•	.62	.01	.78		
NUUANU RES 4 783		11.56	.76		.02				.04	.18	.16	.10	1.90	2.20	.04	.04	.32	.10	.08	.02		.22	.02	.02	.48	.28		.32	.4	.44	2.74	.06	
NUUANU RESERVOIR #5	A	12.68	•	•	•	•	1.12	•	•	•	•	•	•	3.40	•	•	•	•	•	•	.84	•	•	M	•	•	•	3.50	•	•	•	4.00	
OPAEULA 870	A	2.84			.02							.08	.70	.90	.04	.02				T		.30	T	•	•	.10	.60	.02	•	.06	T		
PALI GOLF COURSE 788.1		8.73			.02				.06	.60	.30	1.05	1.15	.90	.11	.01	.02			.02		.25	.24		.03	.08	.02	.17	.17	.50	2.88	.15	
PALOLO VALLEY 718	R	14.54				.06	.12	.36	.02	2.08	2.68	.12	.04	.32	.06	.18						.12			.82	.28	.02	1.44	.70	1.18	3.92		
PAUOA FLATS 784	R	17.02	.72	.56	.02				.10	.08	.20	.02	3.26	3.04	.02	.06	.04	.08	.12	.02		.26	.04	.02	1.38	.42	.04	1.12	1.12	1.30	2.88	.10	
PORTLOCK ROAD 724.4		4.51				.02			.02		.09		1.39	.19	.01							.34				.10		.04		.29	2.00	.04	
PRI WAHIAWA 820.2	A	3.60		.28		.01			.01			•	•	1.54	.21	.01					.01	.60	.15	•	•	•	•	.41	.01	.12	.22	.02	
PUNCHBOWL CRATER 709	A	7.10		1.25		.01	.02					.01	.06	.36	.28	.17	.01	.01	.04	.01		.50	.01		.02	.46	.03	.08	.10	.18	2.80	.62	
ST STEPHENS SEM 788		8.75			.01				.04	.10	.88	.02	1.33	1.49	.17	.03	T		.03			.2	.16	T	.01	.14	.05	.1	.14	.22	3.07	.64	
TANTALUS 2 780.5		•		.41	.06				.02		.02			2.15	1.29	.21	.25	.06	.29	•	.01	•	•	•	•	•	•	•	•	•	•	
UNIV OF HAWAII 713	A	9.00		1.40	•	•	.01				T	•	•	.80	.40	.04	.13		•	•	.01	.87	T	•	T	•	•	.60		.70	4.51	.56	
UPPER WAHIAWA 874.3		7.18		3.08									.96	.97	.06	.01	.13	.10	.02			.42	.06	.17	.02	.95	.34		.1	.35	.03	
WAHIAWA DAM 863	A	4.69		1.51	•	•	.01					•	1.02	.34	.02							.85	.07	•	•	•	•	.71		.13	.01		
WAIAHOLE 837	A	17.80		.46	•	M	.04				.98	M	•	4.80	1.24	.02	2.83	.06	•	•	.13	1.17	.44			•	•	1.28	.44	1.53	.54	.84	
WAIALAE KAHALA 715		7.16		.23	.08	T							.01	.23	.10	T	T		.03	T		.55	T			.19	T		.04	.03	5.09	.61	
WAIALEE 896.3		4.05									.78	.03	.07	.77	.11	.03	.19	.02	.04			.61	.72	.14	.02	.07	.13	.76	.03	.17		.06	
WAIALUA 847	A	2.25				T							.50	.22	T						•	.96	.05			.02	.02			T	.48	T	
WAIANAE 798.2	A	.82							T					.23								.40	.04			.02				.02	.04	.07	
WAIANAE MAUKA 803	A	3.52	•	•	.26	•	•	•	.01				•	•	•	2.00	•	•	.37	•	•	•	•	•	•	.17	•	•	•	.31	•	•	
WAIAWA 836	A	16.33	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	16.33	
WAIMANE 885	A	23.32	•	•	•	•	2.70	•	•	•	•	•	•	10.95	•	•	•	•	•	•	1.97	•	•	•	•	7.97	•	•	•	•	•	•	
WAIKIKI 717.2		7.95		.17	.04	T	T				.01		T	.12	.03							.93	T			.11	T			T	5.86	.63	
WAIMANALO EXP FARM		7.12					.07		.06	.02		.10	3.24	.16								.05				.07				.07	2.73	.55	
WAIMEA 892	A	3.04										•	•	.78	.09	.04	.24	.02	•	•	.07	.45	.57	•	•	•	•	.88	.05	.02	.03	•	
WAIPAHU 750	A	1.87		.01								•	•	.67								.42	.12	•	•	•	•	.05	.05		.45	.10	
WILHELMINA RISE 721	R	9.90											.44	1.42	.24	.02						.18	.02	.02	.30	.34		.04	.14	3.10	3.38	.08	

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * *																																
[illegible]																																
[illegible]	Δ	3.60									.10	.24	1.32	.14	.10										.38	.18	.14		.06	.04	.16	.10	
[illegible]		1.60																													1.25	.36	
[illegible]	Δ	1.97	*	-	*	*	*	*	*	*	.24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.68	
[illegible]	Δ	3.1[illegible]										*	*	.68	.08	-	.01	-	-	-	-	-	-	*	*	*	*	*	.16	T	.02	.77	.33	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * *																																	
[illegible]	Δ	4.[illegible]								.6	.48	*	*	.30	.15															.15	1.37	.36	
[illegible]		1.[illegible]												.21	T											.07	T			.01	.70	.34	
[illegible]		4.9[illegible]								.08	*	*	*	1.93	.11		.09							.05	.02	.21	.13	.16	.12	.11	1.88	.06	
[illegible]	Δ	7.[illegible]	*	*	*	*	.10	*	*	*	*	*	*	4.24	*	*	*	*	*	*	.66	*	*	*	*	*	*	*	2.00	*	*	*	
* * *																																	
[illegible]																																	
[illegible]	Δ	4.2[illegible]		*	*	*	*	*	*	.05	*	*	*	*	*	*	.65									*	*	*	*	*	*	3.50	
[illegible]	Δ	4.69						.20																						.21	4.06	.22	
[illegible]	Δ	8.5[illegible]		.1[illegible]					.01	T				.39	.50		.06	T	T	T			T						.15	7.40		
[illegible]	Δ	[illegible]		*	*	*	*	*	*	.10	*	*	*	*	*	*	2.20	*	*	*	*	*	*	*	.10	*	*	*	*	*	*	6.60	
[illegible]	Δ	5.52									*	*	*	*	*	*	.22									*	*	*		*	*	5.30	
[illegible]	Δ	7.55	*	*	*	*	*	*	*	.2[illegible]	*	*	*	*	*	*	.10									*	*	*		*	*	7.25	
[illegible]	Δ	8.43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.97	*	*	*	*	*	*	*	*	*	*	*		*	*	7.06	
* * *																																	
[illegible]																																	
[illegible]	Δ	4.82	.45	*	*	*	*	.72	*	*	*	*	*	.40	*	*	*	*	*	*	.32		.70	*	*	*	*	.10		1.85		.28	
[illegible]	Δ	11.46												2.34	5.20	.06						.10	.02	.03		2.20	.75	.01	.02			.70	.02	
[illegible]	Δ	5.84	*	*	*	*	*	*	*	*	*	*	*	1.29	2.40	*	*	*	*	*	*	*	.11	*	*	*	*	.94	.36	*	*	.37	*	
[illegible]	Δ	14.70	T	T							.03		T	3.80	5.44	.30	.05					.26	.16	T		1.77	.91	T	.30	.17	.78	.03	
[illegible]	Δ	9.37										*	*	*	4.90							*	1.44	*	*	*	*	1.42	.65	.56	.36	.04	
[illegible]	Δ	4.27								.03			*	.72	1.48	.22							.08	*	*	*	*	1.35	.10		.18	.11	
[illegible]		5.44								.34	.02		.06	1.72	.66	.13	.02					.02	.08	.04	.01	1.26	.26	.01	.13	.04	.15	.41	
[illegible]	Δ	6.[illegible]	.02		.04			.01	.01	.11	.01	.01	*	2.38	.08	.12			.06		.06	.02	.02	.01	.04	.02	*	1.20	.93	.62	.08	.36	
[illegible]		7.[illegible]	.04	T	.04	.02		T	.02	.13	.72	T	1.39	1.08	.45	T	.27	T			.04	.17		.04	T	.54	.99	.34	1.18	.32	.50	.13	
[illegible]		13.74	.02		.10	T			.04	.08	.06			.10	5.58	1.50	T	.02	.03			.08		.12	.20	.60	1.50	.40	1.00	1.66	.59	.06	
[illegible]	Δ	13.5[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.75	*	*	*	1.00	*	*	*	*	*	*	2.80	*	*	*	*	
HONOKOHAU 480		15.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15.20	
[illegible]	Δ	3.75								.02		*	*	1.79	.40	.12	.10							*	*	*	*	.99	.03	.17	.13	.04	
[illegible]	Δ	28.5[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	28.50	
[illegible]		1.[illegible]						.12						.10	.23	.01						T				.21				.01	.21	.15	
[illegible]	Δ	22.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	22.90	
[illegible]	R	.98								.03		.01	.22	.24	.02							.03				.16	.03	.12	T		.12	T	T	
[illegible]	Δ	17.09	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	17.09	
[illegible]	Δ	13.[illegible]	*	*	*	*	*	*	*	.63	.10	*	*	5.00	.51	.46	.04	.08	*	*	.11	.05	.03	*	*	*	*	3.40	.34	.44	1.76	.02	
[illegible]	Δ	6.44	*	*	*	*	.08	*	*	*	*	*	*	.18	*	*	*	*	*	*	5.13	*	*	*	*	*	*	1.08	*	*	*	*	
[illegible]		.32								.02				.08	.19	.03						.05	.03			.21	.07		.07	T	.13	T	
[illegible]	Δ	24.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	24.10	
[illegible]		.50												.08	.01														.01	.22	.18		
[illegible]		.29												.04	.17															T	.05		
[illegible]		10.[illegible]	.17			.08			.08	.21	.20		.40	2.04	2.40		.23	.07				.10	.05	.09		.30	.60	.20	.85	.86	.90	.10	
[illegible]		2.71												.04	.86							.05	.06			.04	.06		.20		.78		
[illegible]		1.78							.01	.04	.20	.01	T	.22	.46		.19	.01				.02	.02			T		.02	.03	.18	.25	.07	
LAHAINA 361		1.04						.01						.21	.28							.01								.02	.35	.16	
[illegible]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
[illegible]	Δ	2.29	*	*	*	*	*	*	.13	*	*	*	*	.87	.47	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.65	.17	
[illegible]	Δ	19.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.00	
[illegible]	Δ	3.30												.70	1.20	.06	.06									.90	.20	.03		.03	.04	.08	
[illegible]	Δ	4.27							*	*	*	*	*	1.41							1.11	*	*	*	*	*	*	.82	*	*	*	.93	
[illegible]	Δ	12.04									.01			3.12	6.40	.02	.02	T				.08	.01		T	T		1.50	.11	.05	.71	.01	
[illegible]		2.79							.12					1.62	.24																.79		
[illegible]		73.57						.03		.64	.25			6.77	3.73	1.10	.49	.70	.20				1.49	.48	.52	1.90	1.94	1.07	.98	.70	1.02	.06	
[illegible]		2.88								.17				1.23	.34	.06	T					.02	.03			.01	.55	.08	.01	.03	T	.34	.01	
[illegible]	Δ	12.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.80	
[illegible]	Δ	[illegible]	*	*	*	*	*	*	*	*	*	*	*	.10	.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25	
[illegible]	Δ	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.00	
[illegible]	Δ	24.60	*	*	*	*	*	*	*	*	*			*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*	*	24.60	
[illegible]		.91												.03	.30	.28						.01				.08	.14		.01		.06		
[illegible]		1.14								.08				T	.37	.21	.01					T	.04			.25	.09		.01		.10	T	
[illegible]	Δ	.61	*	*	*	*	*	*	*	*	*	*	*	*	*	.61	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
[illegible]	Δ	20.46	*	*	*	*	*	*	*	*	*	*	*	*	16.44	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.02	
[illegible]	Δ	2.13	*	*	*	*	*	*	*	*	*	*	*	1.24	.16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.73	*	
[illegible]		1.26									.07			.11	.20		.06						.02							.60	.20		
[illegible]	Δ	1.59	*	*	*	*	*	*	*	*	*	*	*	.63	.25	*	*	*	*	*	*	*	*	*	*	.15				.10	.28	.18	
[illegible]	Δ	4.33	*	*	*	*	*	*	*	.03	T	*	1.05	1.60	.86	.27	*	*	*	*	*	*	*	*	*	.13	.22	.01	*	*	.11	*	
[illegible]	Δ	[illegible]	*	*	*	*	*	*	*	.15	T	T	1.36	2.30	1.11	.47	*	*	*	*	*	*	*	*	*	.20	.32	.02	*	*	.24		
[illegible]	Δ	19.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.60	
[illegible]	Δ	36.37	.01	T	T	T	T	T	.03	.25	T	T	*	24.00	.08	.04	T	*	*	*	.02	.40	.01	*	*	.46	*	9.32	.48	.38	.56	.33	
[illegible]	Δ	1.60	*	*	*	*	*	*	*	.02	*	*	.13	.70	.48	*	*	*	*	*	*	*	*	*	*	.05	.03	*	*	.01	.18		
[illegible]	Δ	3.04								.15		*	*	2.00	.49	.02												.22	.01	T	.15	.02	
[illegible]	Δ	5.47	.84									*	*	2.45	*	*	.14									.49	*	.39	*	*	*	1.16	
* * *																																	
ISLAND OF HAWAII																																	
[illegible]	Δ	.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.90	
[illegible]	Δ	8.96	*	*	*	*	8.96	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
[illegible]		1.48	.01	.65									.01	.08	.58	.27	T					.05	.13			T						
[illegible]	Δ	[illegible]	*	*	*																												
[illegible]		17.13								.05	.04			3.74	8.42	.03						1.30	.01	.42	.28	1.08	.78		.13	.50	.33	
HAKALAU 142		25.87	.[illegible]	.[illegible]						.01	.14	.09	.03	1.60	10.36	.01	.76	.57	.18	.01	.14	4.76	.33	.52	.42	.72	1.49	.50	1.37	1.20	.03	.32	
[illegible]	Δ	19.8[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.00	
MALEPUPUA 117		[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
[illegible]	Δ	11.[illegible]	.56																		.05	6.74	.79	.43		.45		.15	.01	.32	.82	.15	
HAWAII [illegible]		18.4[illegible]	.[illegible]	.[illegible]	.06	*	.07	.02	.01	.01	.21	.14	.05	.01	.77	.03	.05	.05	*	.05	.22	7.00	1.70	.65	.71	2.32	1.07	.03	.08	2.93		.19	
[illegible]	Δ	9.[illegible]							.02	.07	.64	*	*	1.05	4.80	.07	.17	.03	*	*	.08	.23	.21	.04	*	*	*	1.06	.23	.22	.04	T	
[illegible]	Δ	31.51	.01	.04	T	T				.10	.82	.34	T	2.05	8.23	.02	.11	.09	T	T	.52	6.03	2.53	1.10	1.52	2.12	3.22	.48	.56	1.49	T	.37	
[illegible]	Δ	23.84	.07	[illegible]	.2[illegible]				.65	.38	.10		.38	6.21	.66	.84	.30	.40	.01	.03	2.54	3.31	.64	.60	.93	.86	1.46	.76	.88		2.00	3.43	
MOLLAIOA 70		2.04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.04	
[illegible]	Δ	.47	*	*	*	.2[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22	
[illegible]		2.64									.11	*	*	.81	.60	.13						.38	.45					.06	.04			
[illegible]		129.[illegible]	.[illegible]	.01							.18	.94	.06	1.49	13.94	.44	.49	.38	.08	.02	.04	4.52	.41	.65	.28	.67	1.34	.35	.93	1.69		.01	
[illegible]	Δ	[illegible]																															
[illegible]		[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.03			.04	.82	.[illegible]		3.13	3.29	.08	.95	.42	.03	.02	.33	8.24	1.17	.58	1.70	1.60	2.96	.84	.60	2.19	.01	.22	
MONAUNUI 71	Δ	2.24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.24	
[illegible]	Δ	1.[illegible]	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.90	
[illegible]		1.[illegible]	*	*	*	*	*	*	*	*	*	*	*	.36	.27	.15	*	.26	*	*	.06	*	*	*	*	*	*	*	*	*	*	*	
[illegible]		.[illegible]	*	.[illegible]	*	*	*	*	*	*	.41	*	*	*	*	*	*	.74	*	.22	*	4.51	2.07	.07	*	*	*	.13	*	.63	*	.17	
[illegible]	Δ	.67		.[illegible]								*	*	.21	.14	.43		.03				.23	.24	*	.03	*	*	.06					
[illegible]		2.[illegible]		.[illegible]			.02							.02	.35	.67	.19		.03			.17	.21		.02							
KALAPANA NO 1 67.8		38.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	T		.05	.37	.[illegible]	.[illegible]	.11	.07	.42	.04	1.78	.02	.02	.02	.38	1.72	.57	.27	.42	.61	.64	.09	.10	2.67	.28	.76	
[illegible]	Δ	11.[illegible]	*	*	*	1.65	*	*	*	*	*	*	.42	*	*	*	*	*	*	.46	*	*	*	*	*	*	8.38	*	*	*	*	*	
[illegible]		[illegible]												.70	2.30	.09						.20	.12		.10		.05		.02	.45	.20		
[illegible]	Δ	[illegible]	*	*	*	1.3[illegible]	*	*	*	*	*	*	1.[illegible]	*	*	*	*	*	.31	.14	*	*	*	*	*	*	9.20	*	*	*	*	*	
[illegible]	Δ	2.[illegible]	*	*	[illegible]	*	*	*	*	*	[illegible]	*	*	*	*	*	*	3.15	*	*	*	*	*	*	1.89	*	*	*	*	*	*	12.50	
[illegible]		[illegible]																															
[illegible]		28.[illegible]	.[illegible]	.[illegible]		.[illegible]				.24	.81			.54	9.11	.01	1.50	.35	.01	.03	.30	3.28	.67	.53	1.06	1.95	2.00	.22	1.03	1.53	.01	3.00	

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																											
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		*	.13										.18	*																		
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KIOLAKAA A E F 6	A	13.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13.50	
KIPA 89.2	A	33.52	.91	.23	.01	.03		.01		.49	.42	.14		1.50	7.72	.12	.50	.34	.09		.71	5.66	2.51	1.89	1.56	2.78	2.83	.29	.25	1.45		.75	
KOHALA MAULILI 176	A	14.20								.11	.03	*	*	1.36	7.93	.09	1.55	.03	*	*	.02	.75	.53	*	*	*	*	1.44	.24	.55	.17		
KOHALA MISSION 175.1		11.69			.11				.93	.06			.20	2.16	6.24	.05	.10	.02	.08			.16	.31	.05	.13	.96	.51	.13	.22	.72	.05		
KOIAWE LOWER 196	A	12.94	*	.10	*	*	*	*	*	*	.08	*	*	*	*	*	*	10.93	*	*	*	*	.46	*	*	*	*	*	*	*	*	2.00	
KONA (KAILUA) 68.3	A	.25										*	*	.09	T	.09						.05	.19									
KONA VILLAGE 93.8		.11											.01								.04	.04										
KUKAIAU 222		24.76							.04			.01	2.07	13.87	.34						1.81	1.23	.86	.55	1.15	.78	.03	.12	1.12	.68	.03	.17	
KUKUIHAELE HIC 199		12.40								.09			.26	3.13	4.64	.36						.32	.32	.21	.30	1.22	.32	.02	.18	.32	.71		
KUKUIHAELE MILL 206	A	16.72								.10	.02	*	*	4.84	6.63	.07	.01					.40	.18	*	*	*	*	1.37	.04	.72	1.53		
KULANI CAMP 79		20.69	.18	.01	.02	.03		.02	.01	.08	.18	.07		.09	1.85	.06	.30	.02	.06		.05	4.25	5.07	.75	.45	.02	.21	.13	.15	.11		.05	
KULANI MAUKA 76	A	8.95												1.10	.40						.40	3.05	.25		.65	1.15	.40	.1	.6	.05	.20		
KULANI SCHOOL SITE 78	A	18.89	*	*	.78	*	*	*	*	*	*	.40	*	*	*	*	*	*	2.74	*	*	*	*	*	*	4.48	*	*	*	*	*	*	
LANIHAU 68.2		1.58		.04			.03							.43	.10	.55			.04		.05	.06	.08	.03				.14	.03				
MAKAPALAU 103		2.52												.24	.86		.18					.35	.25							.48	.12		
MANUKA 2	A	6.70		*	*	*	.60					*	*	.70	1.92	.60		2.50								*	*	.40					
MAUNA KEA OBS 111.2		3.08	T										T	.40	.14	T						*	.86				.10	.12	.07	.37	T	
MAUNA LOA SLOPE OBS		4.66	.01											.37	.47	.13					.21	2.22		.01		.71		.02	.37	.52	.04	.01	
MIDDLE HOLUALOA 68.1	A	.27	*	*	*	*	*	*	*	*	*	*	*	*	*	.27	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MIDDLE PEN 147.1	A	1.15	*	*	*	*	*	*	*	*	*	*	*	*	.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.62	
MOAULA 18	A	19.55	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.55	
MOUNTAIN VIEW 91		28.56	.40	.11		.09				.09	.53			1.04	5.45		.60	.15	.03	.09	.81	6.97	1.21	.63	1.26	2.38	2.45	.37	.62	1.8		1.55	
NAALEHU 14	A	10.85	.21	.85	T	.05				.12	.26	.05		.02	.08	.15				T	.21	5.55	1.32	T		.75	T			.47	.14	.32	
NAPOPOO 28	A	1.13	*	*	*	*	.10	*	*	*	*	*	*	.08	*	*	*	*	*	*	.42	*	*	*	*	*	*	.47	*	*	*	*	
NIULII 179	A	12.30							.02	.15	.10	*	*	2.35	7.43	.05		.02	*	*	.10	.05	.35	*	*	*	*	1.15	.23	.78	.02		
OOKALA 223		29.04	.08	T						.61	.11	.01		3.70	12.00	.85	.01	.02				3.80	.81	.97	1.08	1.02	.30	.15	.35	1.05	1.22		
OPIHIHALE 2 24.1		3.01	1.22	T	T									.14	.39		T	.02			.75	.42			T		T		.05	T	T	T	
ORCHID LAND EST 91.5	A	27.46	*	3.35	*	*	*	*	*	*	.47	*	*	*	*	*	*	8.90	*	*	*	*	*	*	5.04	*	*	*	*	*	*	10.10	
PAALHAU 217		17.76								.08	.02	*	*	3.10	9.22	.01						1.18	.51	*	*	*	*	2.74	.15	.54	.21		
PAAUILO 221		20.59							.01			.05	2.83	9.74	.15	T					.13	.78	.61	.38	1.43	.78	.01	.9	1.00	1.43	.01	.02	
PAHALA 21	A	13.61	.82	.43							.14			1.68	.07	.24				T	.47	5.10	.31	.02	T							.13	
PAHOA 65		26.20	.68	.10		.19		.05	.09	.08	.15			.91	3.71	.05		.96	.17	.03	.09	.8	2.38	.85	.40	.84	.58	.60	.78	.94	6.59	.58	
PAKAO 37	A	15.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PAPAIKOU 144.1		32.03	.36	.01	.06	.06				.06	.57	.11	.02	1.40	8.66	.32	.93	.16	.12		.78	7.42	.75	.73	.59	1.55	.18	.43	.94	1.76		1.94	
PAPAIKOU MAUKA 140.1		41.19	1.10	.07	.06	.02				.07	1.03	.01		2.94	11.30	.09	.23	.26		.03	.50	9.50	2.00	1.00	1.73	2.12	2.45	.50	.60	1.79		1.05	
PIIHONUA 89	A	20.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.60	*	
POHAKULOA 107	A	3.27	*	.03				*	*	*	.70	*	*	*	.17	*	*	*	*	*	*	*	*	*	2.30	*	.07						
PUAKO 95.1	A	1.21			.34									.56	.04	.01						.04	.09			T				.02	.11		
PUU KIHE 120	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU LAAU 102.1	A	4.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.90		
PUU LEHUA 73	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00		
PUU MALI 113	A	.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU OO 82		*	.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
PUU WAAWAA 94.1	A	2.11									T				.13			T					.07					1.64	.93	.03	.02		
SADDLE ROAD 1 84	A	44.96	*	3.92	*	*	*	*	*	*	*	*	*	*	*	*	4.47	*	*	*	*	*	*	*	15.90	*	*	*	*	*	*	10.67	
SOUTH POINT CORRAL 3	A	5.88	*	*	*	1.00	*	*	*	*	*	*	.15	*	*	*	*	*	*	.21	*	*	*	*	*	*	4.52	*	*	*	*	*	
UMIKOA 118		23.95										*		4.00	12.00	.09	.03	.01				1.73	.32	*	*	*	*	4.10		.70	.94	.03	
UPOLU POINT USCG 159.2		8.00			.04					.04				2.27	4.20		.15		.04			.08	.09	.03	.05	.78	.14	.76	.03	.12	.08		
WAIAKEA SCD 88.2		31.33	.61	.17						.19	.70	.25		1.52	6.35	.01	.23	.25		.07	.49	5.69	2.35	1.02	1.22	2.77	3.32	.43	.61	1.48		2.11	

See reference notes following Station Index

DAILY PRECIPITATION

Station	Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																																

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																														
	MIN																														
* * *	MAX																														
	MIN																														
ISLAND OF KAUAI	MAX																														
	MIN																														
KANALOHULUHULU 1075	MAX	70	67	70	72	69	70	71	67	74	65	64	66	67	69	71	72	71	67	62	63	68	69	67	65	66	69	69	67	69	67		68.1
	MIN	56	53	49	50	48	48	46	46	47	53	52	54	50	46	49	50	53	50	55	57	56	55	52	53	54	45	48	50	48	50		50.8
KILAUEA POINT 1133	MAX	90	83	82	85	83	82	83	83	85	83	76	80	82	84	82	82	81	85	79	76	78	78	79	78	79	79	80	78	80	81		81.2
	MIN	69	65	64	68	69	72	72	69	70	70	69	70	70	74	74	70	70	70	70	67	65	65				71	73		68	70		69.4
LIHUE WSO 1020.1 AP	MAX	82	82	81	81	82	80	81	81	84	78	79	80	80	81	82	82	80	80	79	77	82	80	80	79	79	80	80	79	80	78		80.3
	MIN	71	70	70	68	69	66	68	70	70	69	70	72	73	73	76	74	71	68	70	69	76	74	72	71	71	72	71	71	68	68		70.7
MAKAHUENA POINT 940.1	MAX	86	87	86	86	85	86	85	85	83	87	82	82	80		82	83	82	84	85	80	77	81	81	81	80	81	83	80	80	75		82.6
	MIN	71	74	75	76	73	69	71	70	71	70	73	69	73	69	73	74	76	74	69	69	69	74	75	75	69	72	71	70	73	71		71.9
MANA 1026	MAX	86	86	86	85	87	88	86	87	84	85	82	85	84	85	86	87	85	84	86	78	79	82	84	83	85	83	82	85	82	83		84.3
	MIN	65	67	66	65	66	67	65	64	67	65	67	67	60	63	63	65	65	65	65	69	68	65	67	65	64	64	66	67	67	65		65.5
NIU RIDGE 1035	MAX	83	83	82	81	83	84	84	83	81	83	82	80	82	83	83	84	83	84	83	79	80	80	78	79	78	79	80	81	79	78		81.4
	MIN	65	65	64	63	63	65	64	65	64	64	65	64	62	63	64	65	64	65	64	62	64	63	62	64	63	62	61	64	60	63		63.5
WAIAHI LOWER 1054	MAX	83	82	82	83	83	83	81	80	85	85	80	76	77	82	80	79	84	81	78	76	75	75	78	77	78	78	79	79	82	79		80.0
	MIN	66	65	66	62	62	60	60	63	61	60	63	68	61	61	66	69	64	64	68	68	68	69	67	68	67	64	66	69	64	64		64.8
* * *	MAX																														
	MIN																														
ISLAND OF OAHU	MAX																														
	MIN																														
CHURCH COLLEGE LAIE	MAX	84	85	84	85	84	84	83	84	81	85	83	77	81	83	83	83	83	83	84	80	81	82	82	80	81	81	82	82	79	81		82.3
	MIN	68	73	70	65	69	65	66	68	70	68	65	71	70	66	69	75	73	73	64	73	74	72	72	72	69	73	74	74	69	65		69.8
EWA PLANTATION 741	MAX	86	84			88	86	85	86	86			86	81	82	85	85			86	82	79					83	82	82	82	75		
	MIN	67	67			64	64	65	65	67			66	66	63	66	67			65	60	70					64	68	68	69	66		
HONOLULU WSO 703 AP	MAX	84	86	84	85	83	82	87	87	83	84	82	81	84	85	87	86	87	84	85	81	85	85	84	85	85	84	84	82	77	82		84.0
	MIN	71	69	68	66	68	65	69	68	71	68	70	72	69	65	73	75	72	68	70	73	74	73	72	71	72	71	70	70	69	68		70.0
HONOLULU SUBSTA 704	MAX	76	83	82	82	82	80	83	83	83	82	80	80	80	84	83	82	83	81	82	80	81	79	78	78	79	78	80	79	74	80		80.6
	MIN	70	74	71	71	72	70	72	72	74	73	73	71	71	70	75	68	68	65	66	66	68	68	68	72	73	72	73	70	69	70		70.5
KANEOHE MAUKA 781	MAX	82	83	83	82	83	84	81	82	78	83	83	75	76	80	81	80	81	82	83	82	79	82	78	78	78	80	79	79	78	75		80.3
	MIN	70	70	69	67	68	67	68	71	70	68	69	69	68	67	68	74	71	68	67	73	73	74	73	72	73	71	71	70	68	67		69.8
LUALUALEI 804	MAX		88	80	87	86	86		84	86	85		85	85	86	87	86	88	84	82	87	80		83	82	82	78	84		82	84		84.3
	MIN		65	72	64	64	64		63	66	66		73	70	66	65	73	72	70	64	73	71		73	70	75	65	68		68	66		68.2
MAKAPUU POINT 724	MAX	83	82	80	82	82	80	83	79	80	82	81	75	76	76	80	78	77	79	80	79	78	77	77	76	76	74	77	77	77	76		78.6
	MIN	68	73	71	70	72	69	71	70	71	68	68	63	69	67	72	70	70	71	69	67	73	71	68	64	62	66	71	65	68	65		68.7
OPAEULA 870	MAX	80	80	80	80	82	80	82	82	82	82	82	80	82	84	82	82	82	84	82	82	82	83	81	82	82	82	82	82	84	82		81.8
	MIN	66	66	67	65	64	66	66	65	67	66	67	66	64	65	66	67	66	67	65	65	66	68	72	66	65	63	65	63	65	66		65.8
PRI WAHIAWA 820.2	MAX	85	86	80	83	86	86	82	85	83	84	79	86	79	80	87	83	80	83	85	81	78	80	77	78	76	82	81	80	81	73		81.6
	MIN	62	62	61	60	60	60	61	62	64	60	62	62	62	60	61	65	64	61	61	68	68	68	68	65	65	61	62	66	67	63		63.0
WAIALEE 896.3	MAX	83	85	83	83	85	85	84	84	84	82	83	76	79	80	82	82	80	82	83	82	80	80	81	79	79	80	78	79	82	79		81.5
	MIN	70	68	68	65	70	68	66	71	70	73	70	69	68	67	68	72	70	72	67	71	71	68	73	70	67	70	68	72	69	66		69.2
WAIALUA 847	MAX	84	83	89	87	88	85	83	85	85	87	83	79	79	80	85	86	84	88	85	83	80	84	82	82	82	82	83	82	82	78		83.5
	MIN	67	64	65	64	63	64	67	66	66	62	60	64	67	65	65	64	65	65	64	71	65	67	69	66	68	64	62	66	67	65		64.8
WAIKIKI 717.2	MAX	86	85	85	85	86	85	85	86	86	84	85	83	83	86	87	85	85	85	85	83	81	85	83	83	83	83	83	83	83	76		84.1
	MIN	69	68	66	65	68	64	67	65	70	66	68	70	67	65	64	74	72	66	67	71	73	73	72	70	71	71	69	69	69	67		68.5
WAIMANALO EXP FARM	MAX	86	85	85	86	86	84	81	83	83	84	83	76	79	81	83	83	83	84	83	83	80	82	81	81	82	81	81	81	79	75		82.1
	MIN	67	69	71	68	65	65	66	70	72	66	68	69	71	71	72	74	73	74	68	74	74	73	73	71	72	70	72	70	69	69		70.2
* * *	MAX																														
	MIN																														
ISLAND OF MOLOKAI	MAX																														
	MIN																														
MOLOKAI AP 524	MAX																														
	MIN	69	72	63	64	65	64	66	66	66	65	69	69	63	62	62	69	69	66	65	68	70	69	71	69	69	68	70	66	65	66		66.8
* * *	MAX																														
	MIN																														
ISLAND OF LANAI	MAX																														
	MIN																														
LANAI CITY 672	MAX	81	80	78	79	79	82	78	76	76	77	72	80	72	73	82	76	81	77	82	79	75					79	76	77	78	72		77.6
	MIN	62	63	61	61	61	61	61	62	64	61	65	61	63	61	61	62	62	63	61	62	61					58	62	62	65	65		62.0
* * *	MAX																														
	MIN																														
ISLAND OF MAUI	MAX																														
	MIN																														
HALEAKALA RS 338	MAX	63	65	68	63	60	67	69	62	62	60	62	59	54	58	59	63	63	63	62	65	64	60	65	61	55	59	58	60	56	64		61.6
	MIN	45	47	41	42	44	40	45	44	42	40	44	47	46	40	45	44	42	44	43	41	52	49	48	46	46	44	49	49	45	45		44.6
HALEAKALA SUMMIT 338.4	MAX	57	52	60	61	60	57	60	57	57	58	54	48	55	46	48	51	52	53	52	52	46	46	49	46	46	52	45	46	47	46		52.0
	MIN	42	42	46	46	44	45	45	41	43	35	40	41	33	36	38	41	40	40	39	37	38	39	39	37	36	36	39	41	37	36		39.7
HANA AIRPORT 355	MAX	78	79		79	84	82	83	84	84	85	85	76	78	81	83	82	82	83	82	79	79	82	81	81	80	81	78	78	79	80		81.0
	MIN	72	70		70	69	67	67	70	67	66	69	70	69	65	71	72	68	73	67	73	70	72	73	69	68	69	69	67	66	68		69.2
KAANAPALI AIRPORT	MAX	84	83	83	82	85	80	82	84	82	82	82	80	79	81	83	84	82	84	84	83	84	85	85	81	80	83	80	81	80	77		82.2
	MIN	69	63	65	65	67	67	67	69	69	67	70	70	68	65	68	69	68	68	66	71	70	71	73	64	70	67	67	66	69	67		68.0
KAHULUI WSO 398 AP	MAX	88	85	87	87	86	87	81	86	85	85	80	81	83	88	86	84	86	85	86	83	85	84	82	81	83	82	84	81	78	83		84.1
	MIN	68	64	63	62	62	63	64	69	66	64	72	71	68	63	66	67	64	64	66	71	72	68	70	70	67	65	66	70	71	68		66.8
KAILUA 446	MAX	78	78			78	81	79	78	78			81	71	75	78	77			78	76	75					79	75	75	76	73		
	MIN	66	66			64	66	65	66	66			65	66	64	66	69			64	69	70					64	67	67	65	66		

See Reference Notes Following Station Index

DAILY TEMPERATURES

Continued

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																															
	MIN																															
HEAVAKAP, BEACH 360.2	MAX	88	88	89	89	87	86	89	86	89	87	85	87	83	88	85	86	87	86	88	87	84	89	88	87	85	87	83	82	82	83		86.4
	MIN	67	66	64	63	65	65	64	65	66	66	69	69	67	63	66	64	63	65	66	72	63	65	63	67	63	63	69	68	70	68		65.8
KULA SANATORIUM 367	MAX	75	73	74	74	75	73	72	70	72	73	74	72	67	72	75	74	72	74	73	75	74	76	72	74	72	72	69	68	68	73		72.6
	MIN	63	57	56	57	57	56	57	58	58	59	62	61	60	58	56	57	58	57	58	59	59	59	56	57	55	56	59	62	61	60		58.2
LAHAINA 361	MAX	87	86	87	87	89	87	89	86	86	87	84	85	85	87	87	86	86	90	85	83	88	84	84	86	86	85	85	80	80	85		85.7
	MIN	68	69	66	65	67	67	67	68	68	67	68	68	67	65	67	67	66	64	66	69	65	64	64	66	65	65	68	69	69	68		66.7
WAILUKU 386	MAX	88	85				85	84	81	81			83	76	79	84	81			87	85	83						82	79	79	80	76		
	MIN	69	68				65	67	68	68			67	68	67	69	71			66	71	72						67	70	70	69	68		
* * *	MAX																																
	MIN																																
ISLAND OF HAWAII	MAX																																
	MIN																																
HAINA 214	MAX	86	83	80	81	81	82	81	82	81	82	82	80	73	77	82	80	80	81	82	86	78	80	80	78	78	80	79	74	80	81		80.3
	MIN	66	67	65	66	65	64	64	66	67	66	68	68	66	63	67	69	65	65	65	66	70	68	68	66	65	66	66	65	67	66		66.2
HAWAII VOLCNS NP HQ 94	MAX	66	70	69		68	68	67	65	71	69	69	66	69	66	68	70		70	70	67	64	69	63	65	64	65	65	69	68	69		67.5
	MIN	57	55	52		49	49	47	50	55	52	57	55	54	52	54	54		53	54	55	53	55	55	53	52	54	54	53	54	58		53.4
HILO WSO 87 AP	MAX	85	84	85	85	86	87	87	84	85	86	84	76	82	85	84	83	85	84	84	80	84	80	83	81	81	80	79	84	81	81		83.2
	MIN	72	69	67	68	64	64	65	68	68	68	69	68	67	66	69	66	64	68	70	71	65	70	70	68	68	68	68	67	65	69		67.6
KAINALIU 73.2	MAX	80	79	78	78	77	77	79	79	80	81	79	78	78	73	80	79	79	79	78	80	75	77	77	76	77	78	78	80	79	80		78.3
	MIN	64	60	63	62	63	61	62	64	64	62	63	62	63	60	62	62	64	61	61	60	65	62	61	62	61	59	62	63	61	64		62.1
KAMUELA 192.2	MAX	75	80	76	80	80	78	76	78	78	80	80	78	70	72	78	78	73	75	79	79	75	78	70	72	74	70	72	70	75	74		75.6
	MIN	57	53	55	52	51	54	50	53	56	53	55	58	57	53	56	53	55	57	54	57	58	54	58	55	58	57	56	54	57	55		55.0
KEAAU 42	MAX	79	81	80	81	81	82	83	82	81	82	84	82	72	79	82	80	80	81	82	81	78	82	77	80	79	78	75	77	82	78		80.0
	MIN	67	67	66	66	63	63	64	65	66	67	67	68	65	64	63	67	65	64	66	68	66	66	67	67	65	65	65	66	65	65		65.6
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	84	81	79	75	81	81	81	82	80	82	83	79	71	75	79	79	78	80	83	84	76	78	76	77	77	78	78	74	79	80		79.0
	MIN	66	66	64	65	65	65	65	65	66	67	67	67	65	64	65	69	68	65	65	65	68	69	67	65	65	66	67	66	65	67		66.0
KONA (KAILUA) 68.3	MAX	85	85	85	85	85	83	84	85	85	85	85	86	83	82	84	85	85	85	85	86	80	80	83	83	83	83	83	83	83	88		84.1
	MIN	70	71	71	71	69	69	67	71	70	70	70	69	71	66	67	71	71	71	67	71	70	70	71	71	71	68	70	71	68	69		69.7
KULANI CAMP 79	MAX	65	55	64	65	58	65	65	66	61	66	65	65	65	61	65	65	63	65	65	66	66	62	60	61	62	59	60	63	67	67		63.4
	MIN	50	49	45	52	42	43	42	48	49	49	48	49	50	48	49	48	43	46	51	52	44	48	50	50	50	48	49	48	47	48		47.8
MAUNA LOA SLOPE 285	MAX	52	54	54	53	56	57	56	54	53	51	51	48	43	45	47	47	49	48	53	46	45	47	50	44	44	45	46	44	44	44		49.0
	MIN	38	36	37	37	38	39	40	39	38	39	36	34	34	34	34	33	32	32	35	36	33	33	34	32	32	33	35	36	36	38		35.4
MOUNTAIN VIEW 91	MAX	73	78	77	77	77	79	78	80	79	80	80	80	69	73	78	77	78	78	78	75	73	77	77	77	77	77	71	73	77	76		76.6
	MIN	63	63	57	57	57	57	57	62	63	61	61	61	61	60	60	62	59	59	59	64	60	60	60	60	60	60	62	62	60	64		60.4
NAALEHU 14	MAX	77	80			80	79	80	81	80			81	80	79	80	80	80	80	80	77	74						80	82	80	80		79.5
	MIN	68	68			66	66	66	67	67			65	66	65	68	69	67	65	68	67	67						64	64	65	67		66.4
OOKALA 223	MAX	84	80	78	81	82	82	81	81	79	81	80	80	80	77	79	79	80	80	80	80	79	77	77	80	79	80	82	73	80	78		79.6
	MIN	68	69	64	66	66	64	66	66	66	67	67	68	65	64	65	69	69	67	66	66	68	66	65	66	65	66	67	65	65	68		66.3
OPIHIHALE 2 24.1	MAX	77	74	78	78	79	78	79	79	78	79	77	78	73	78	79	77	78	79	78	74							78	77	80	77		77.6
	MIN	60	60	61	61	59	59	62	62	60	61	63	64	59	59	60	60	60	60	60	61							58	60	60	64		60.5
PAHALA 21	MAX	76	79			79	81	80	81	81			81	81	79	80	80	81	81	82	79	78	80	78			82	82	80	79	80		80.0
	MIN	67	65			61	61	63	66	65			64	64	62	64	64	61	61	61	65	63	64	63			63	63	64	62	66		63.4
PUAKO 95.1	MAX	83	83	84	82	83	81	81	84	84	83	82	84	84	81	82	84	84	82	82	81	80	82	82	83	84	84	80	80	82	81		82.4
	MIN	68	68	65	65	65	65	64	68	68	66	66	68	70	65	66	70	67	67	66	67	69	68	71	73	72	68	68	66	64	66		67.3
UPOLU POINT USCG 199.2	MAX	86	86	83	86	86	81	85	86	84	85	85	75	74	79	81	84	83	84	85	84	84	82	81	81	80	80	78	77	81	82		82.3
	MIN	72	69	69	70	70	71	68	66		72	75	69	67	67	70	75	67	66	70	71	75	72				71	67	69		68		69.8
	MAX																																
	MIN																																
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	MAX																																
	MIN																																

See Reference Notes Following Station Index

Continued

DAILY TEMPERATURES

Station		Day of Month																												Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
EAST OF 180TH MERIDIAN	MAX																																
	MIN																																
CANTON ISLAND	MAX	91	92	90	90	90	90	91	91	90	90	90	92	88	84	91	91	92	90	91	91	91	88	91	87	90	91	91	90	91	90		90.2
	MIN	76	76	76	76	75	75	76	77	76	76	76	75	75	75	75	74	72	76	76	78	75	77	78	77	76	75	75	75	75	76		75.7
JOHNSTON WSO AP	MAX	84	83	83	81	79	79	82	84	83	83	83	84	83	84	83	83	84	84	83	81	81	81	81	79	79	80	81	84	82	82		82.1
	MIN	76	78	74	71	73	75	77	78	78	76	78	79	78	78	78	74	73	76	75	72	74	77	72	69	73	67	70	73	74	75		74.7
LEONE	MAX	88	82	80	89	89	84	80	80	86	88	89	89	89	88	91	89	89	88	91	91	82	87	86	89	88	89	91	89	89	83		87.2
	MIN	71	72	71	72	70	74	76	73	73	72	72	74	76	75	72	73	77	75	74	72	72	71	74	75	73	75	72	71	73	74		73.1
FRENCH FRIGATE SHOALS	MAX	81	83	86	83	84	84	84	84	82	84	82	82	79	81	82	82	82	82	82		82	78	81	84	79	83	83	83	81	80		82.2
	MIN	75	70	76	74	74	73	72	78	71	70	69	70	73	73	73	73	71	69	65		70	69	73	72	68	68	69	71	70	69		71.3
MIDWAY SAND ISLAND	MAX	77	78	80	79	82	81	79	82	81	80	78	76	71	75	80	81	78	75	74	75	77	77	79	79	76	79	78	77	76	74		77.8
	MIN	68	67	64	69	71	74	74	73	70	72	71	63	60	68	71	71	68	65	65	64	68	68	68	69	72	70	65	66	68	67		68.3
PAGO PAGO WSO AP	MAX	85	80	78	87	79	82	80	80	85	84	83	86	86	84	85	86	88	87	87	86	80	84	85	87	86	86	88	86	84	81		84.2
	MIN	72	74	73	73	76	75	75	75	75	73	72	76	79	77	77	74	79	79	75	75	73	73	77	76	75	73	73	72	76	77		75.0
SWAINS ISLAND	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
WESTERN PACIFIC ISL, NORTH OF 12 N	MAX																																
	MIN																																
ANDERSEN AFB GUAM	MAX	84	86	85	86	86	86	86	86	85	86	86	85	85	86	85	85	84	86	85	86	87	85	89	85	86	85	85	85	86	85		85.6
	MIN	78	79	79	79	78	80	79	79	79	80	78	77	79	80	78	77	79	80	79	78	78	78	78	79	79	78	77	79	79	78		78.6
CLARK AFB LUZON	MAX	90	90	91	90	90	88	84	86	91	88	90	90	81	88	90	90	91	91	90	88	77	77	86	90	90	90	86	90	90	90		88.1
	MIN	75	75	75	75	77	75	75	75	73	72	73	73	75	75	75	75	75	73	73	73	73	73	73	75	75	75	73	73	75	75		74.2
GUAM NAS	MAX	86	86	86	88	87	87	88	86	86	86	87	87	86	86	86	85	86	85	89	86	86	85	87	85	85	86	85	86	86	86		86.1
	MIN	77	79	78	79	79	78	76	77	78	80	78	77	79	78	77	78	78	79	78	77	77	76	77	78	78	76	77	78	78	76		77.7
GUAM WSO	MAX	85	87	86	86	86	85	87	86	86	86	87	85	86	87	85	86	86	87	84	87	86	86	86	85	85	86	86	87	87	85		86.0
	MIN	73	73	71	73	77	74	71	70	73	73	76	72	71	77	74	74	76	74	74	70	75	70	68	77	70	68	74	73	74	73		72.9
SAIPAN USCG LORAN	MAX	86	85	89	87	88	87	87	88	87	87	87	89	88	87	88	87	88	87	87	87	88	88	87	88		87	88	87	87	88		87.4
	MIN	75	75	72	75	76	74	73	74	72	76	78	76	74	70	78	79	79	77	74	74	76	76	73	79		72	73	77	69	71		74.7
WAKE WSO AP	MAX	86	86	86	86	87	86	87	86	87	88	87	85	86	84	87	86	86	86	86	86	86	86	85	85	86	86	84	83	82	82		85.6
	MIN	77	76	76	73	76	73	74	71	75	76	70	72	75	74	74	74	73	74	75	71	74	76	76	76	75	73	73	73	73	74		74.1
* * *	MAX																																
	MIN																																
CAROLINE AND MARSHALL ISLANDS	MAX																																
	MIN																																
ENIWETOK	MAX	87	87	86	87	88	86	89	89	88	87	87	88	88	87	87	88	87	88	87		88	91	87	87	86		88	88	87			87.6
	MIN	75	77	76	76	76	77	78	77	72	76	75	75	73	78	75	74	75	73	77	74	74	73	77		76	73	79	73	74	73		75.2
FALALOP I, ULITHI	MAX	86	86	88	86	85	86	85	86	86	87	84	86	87	86	87	87	86	86	87	84	87	86	87	89	86	86	86	85	85	86		86.1
	MIN																																
KAPINGAMARANGI ATOLL	MAX	89	89	91	89	89	87	87	86	90	84	86	88	86	88	86	86	86	88	89	87	87	85	86	84	87	86	87	88	88	87		87.2
	MIN	74	75	75	77	75	77	76	77	78	75	75	77	75	75	77	76	75	75	77	77	76	74	75	79	78	78	79	78	78	78		76.4
KOROR WSO	MAX	89	90	92	83	91	90	91	89	84	88	83	88	90	90	91	85	88	87	86	84	84	90	90	91	91	90	89	90	88	89		88.4
	MIN	76	78	77	77	74	74	76	77	74	73	76	76	77	76	77	75	75	76	74	75	73	76	78	78	78	78	77	75	76	77		76.0
KWAJALEIN WSO AP	MAX	86	87	87	87	87	87	88	87	87	87	86	86	87	87	87	86	85	87	88	88	87	87	87	85	86	86	87	86	86	86		86.7
	MIN	77	78	79	81	80	78	77	80	79	75	77	77	81	80	78	77	73	80	80	80	80	79	78	77	77	78	76	79	79	79		78.3
LELE I, KUSAIE	MAX	87	86	88	87	90	84	87	86	88	83	87	87	86	87	87	87	86	86	89	90	85	87	88	89	85	87	86	86	88	89		86.9
	MIN	78	78	78	75	79	74	72	74	79	75	74	76	77	76	77	76	74	76	74	77	76	74	74	79	76	76	77	77	75	76		76.0
MAJURO WSO AP	MAX	86	85	85	85	86	86	85	85	85	84	85	86	86	85	86	84	85	86	83	82	85	84	81	81	85	85	87	84	85	84		84.7
	MIN	77	77	78	77	76	79	78	74	77	75	77	80	78	80	78	79	74	76	74	72	76	76	74	75	79	76	78	75	78	78		76.7
METALANIM	MAX	87	83	81	87	89	88	82	85	88	87	88	89	86	87	89	86	89	88	84	87	88	88	90	88	89	87	90	84	88	89		87.1
	MIN	76	74	71	70	76	73	74	73	74	70	72	75				77		74	75	70	74	76	75	74	75	75	75	74	72	75		73.8
PONAPE WSO	MAX	86	88	89	88	89	82	90	89	88	88	90	86	89	90	88	89	89	89	89	90	89	90	88	88	89	90	85	89	89	89		88.4
	MIN	75	74	74	78	74	73	75	74	79	76	75	75	75	74	72	75	74	75	76	76	76	75	74	77	75	74	73	73	72	75		74.8
TRUK, MOEN I, WSO AP	MAX	88	87	88	86	88	84	84	88	87	87	87	88	87	85	84	84	88	87	87	87	88	87	88	89	88	87	88	88	88	87		87.0
	MIN	77	76	77	78	81	78	76	77	77	78	78	79	76	74	75	75	75	78	77	77	80	75	75	79	78	80	78	76	79	80		77.3
WOLEAI ATOLL	MAX	91	90	90	89	88		90	88	86	86	87	89	90	90	88	87	85	87	89	90	85	88	90	90	91	91	90	91	90	89		88.8
	MIN	71	79	77	75	76		76	73	75	75	76	79	79	75	74	74	74	73	80	74	75	74	79	79	77	77	79	78	74	76		76.0
YAP WSO AP	MAX	87	88	89	88	89	88	88	88	88	84	87	88	88	89	87	85	85	82	87	87	88	88	87	88	88	87	87	85	81	87		86.9
	MIN	77	77	73	77	77	77	77	74	75	74	73	77	75	77	77	74	74	75	76	76	76	77	76	74	73	78	76	77	72	73		75.5
	MAX																																
	MIN																																
	MAX																																
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	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	21	SE	16+	-	76	77	90	3	12	9	0	0	0	24	63	-
HILO, HAWAII, WSO AP	16	2.8	7.3	20	E	28+	88	81	68	66	2	5	5	8	1	5	26	24	8.1
HONOLULU, OAHU, WSO AP	7	6.5	10.0	29	NE	24	79	76	62	73	8	5	6	1	1	0	21	38	7.5
JOHNSTON ISLAND WSO AP	10	7.9	11.0	32	E	24	80	81	75	78	5	6	8	0	1	1	21	46	7.1
KAHULUI, MAUI, WSO AP	6	6.9	10.1	30	E	21	79	73	55	71	3	5	5	0	0	0	13	58	6.7
KOROR WSO AP	-	-	-	25	S	19	87	-	81	78	4	5	5	6	4	1	25	45	8.7
KWAJALEIN WSO AP	7	11.4	12.0	29++	9	17	80	82	74	77	3	9	8	2	0	0	22	-	6.2
LIHUE, KAUAI, WSO AP	8	6.1	11.0	28	NE	24	87	83	74	85	6	10	4	3	0	2	25	39	8.1
MAJURO WSO AP	-	-	-	24	E	24+	81	82	75	79	2	12	4	4	2	2	26	66	7.6
PAGO PAGO WSO AP	6	6.5	10.1	35	N	06	88	86	80	86	1	4	10	4	4	3	26	24	8.7
PONAPE WSO AP	-	-	-	19	NE	16	86	-	75	76	3	5	9	9	1	0	27	41	8.1
TRUK, MOEN I, WSO AP	-	-	-	25	S	15	82	-	79	79	3	8	14	4	1	0	30	50	9.2
WAKE WSO AP	6	14.0	15.1	35	N	11	78	80	63	72	6	7	5	1	0	0	19	42	4.2
YAP WSO AP	-	-	-	24	SE	19	86	-	79	76	3	9	6	4	2	1	25	56	6.9

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.13	.22	.25	.18	.23	.12	.16	.24	.14	.29	.06	-	.25	.25	.18	.27	.25	.18	.18	-	-	.20	.21	.21	.22	.04	.18	.42	.06	.09		5.79R
	WIND	46	62	98	70	58	67	65	89	88	70	61	256	216	142	104	165	188	74	93	116	105	194	205	251	241	112	113	111	70	56		3606
	MAX	81	84	89	85	86	85	85	85	87	85	80	79	78	81	85	84	82	85	84	74	70	80	79	77	78	79	78	80	79	83		81.5
	MIN	67	57	67	65	64	62	62	63	66	67	66	66	64	64	65	58	58	64	65	67	66	68	66	65	64	64	64	64	67	66	66	65.1
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.15	.15	.24	.17	.23	.15	.20	.23	.19	.22	.15	.13	.19	.15	.26	.27	.25	.24	.25	.15	.26	.22	.25	.30	.30	.24	.07	.22	.12	.05		6.00
	WIND	25	14	30	28	28	24	26	30	29	28	16	28	19	26	28	30	32	35	37	42	26	37	49	52	59	29	13	20	28	7		875
	MAX	90	93	87	89	90	91	88	90	89	90	89	84	85	86	89	89	88	89	90	84	79	86	83	83	85	86	84	86	86	77		86.8
	MIN	68	69	67	67	67	66	67	66	68	67	68	68	65	65	65	68	68	67	67	72	69	68	67	66	66	66	65	68	69	68		67.2

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
° ° ° EAST OF 180TH MERIDIAN																																	
JOHNSTON ASO AP	EVAP	.20	.30	.25	.20	.02	.11	.25	.24	.19	.29	.18	.29	.28	.28	.29	.29	.28	.19	.27	.22	.21	.22	.18	-	.23	.14	.22	.28	.12	.20		6.64R
	MILD	41	100	137	180	173	204	220	177	160	149	174	194	148	114	175	184	106	59	119	177	143	178	227	207	199	240	137	37	67	92		4518
	MAX	95	92	90	85	79	79	87	88	90	91	87	92	92	90	87	87	95	91	91	87	87	86	82	78	76	80	81	92	91	88		87.2
	MIN	73	74	75	71	73	74	74	74	75	74	76	75	75	73	74	73	74	73	72	72	74	75	74	70	69	71	68	72	73	72		73.1
° ° ° WESTERN PACIFIC ISLS NORTH OF 12 N																																	
GUAM WSO	EVAP	.16	.18	.26	.18	.19	.10	.20	.25	.28	.30	.26	.22	.22	.19	.23	.22	.10	.23	.24	.25	.21	.28	.18	.15	.26	.17	.16	.19	.15	.25		6.26
	MILD	116	93	101	71	128	103	64	93	129	187	159	144	81	134	145	185	162	192	126	112	127	80	57	136	148	60	75	79	67	80		3434
	MAX	90	92	92	90	89	91	93	92	-	-	92	93	91	91	86	89	92	90	89	90	89	92	92	89	90	91	91	92	92	90		90.7
	MIN	74	74	71	72	74	74	70	72	-	-	74	74	72	74	75	75	75	74	73	70	74	74	72	75	75	71	74	74	74	74		73.4

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+N 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MULOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF QL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
□ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
□CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAP		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUD DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C.3/12/74-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

CORRECTIONS: Published in the June and December issues of Climatological Data.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

\+ And also on an earlier date or dates.

++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

⌶ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

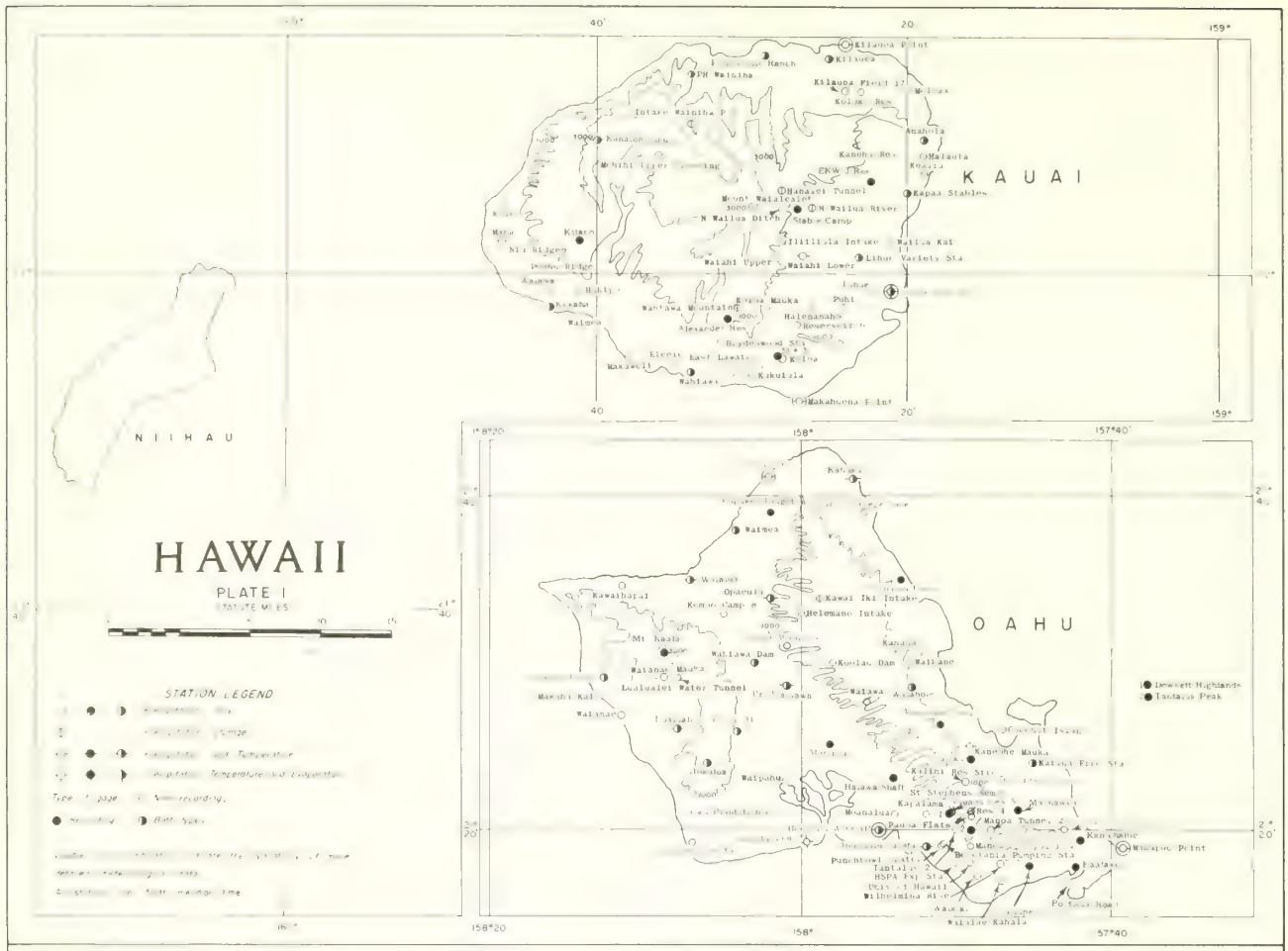
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

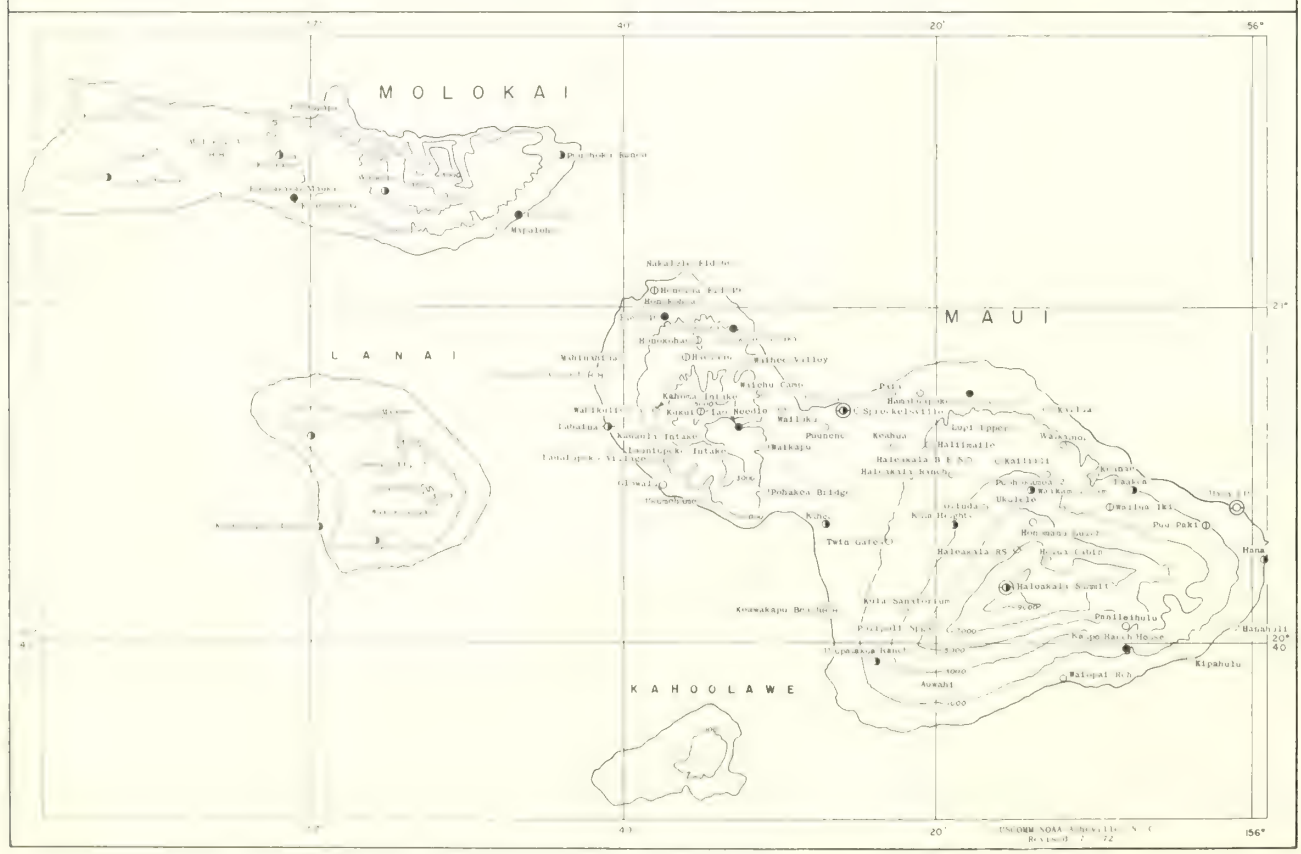
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

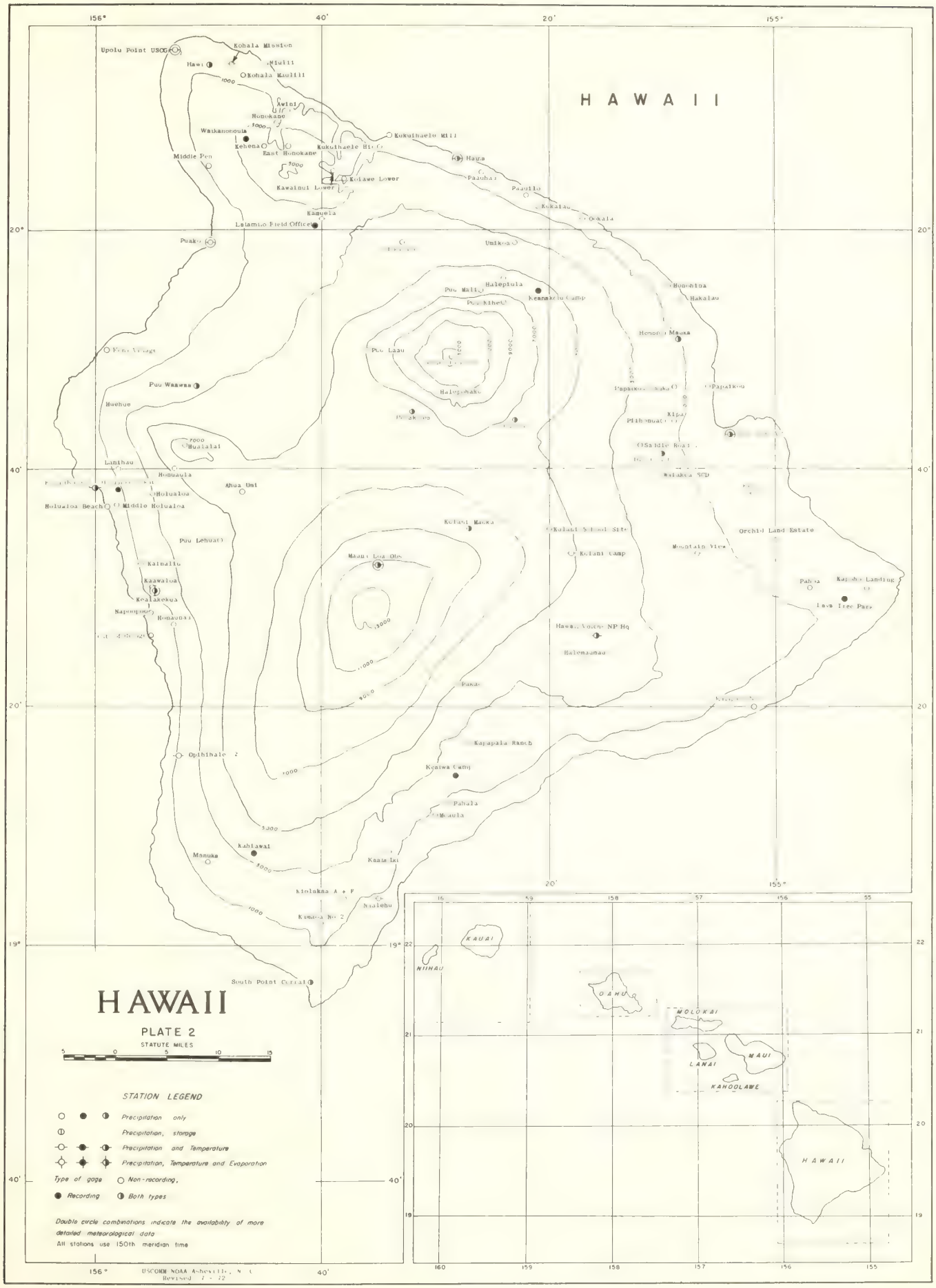
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

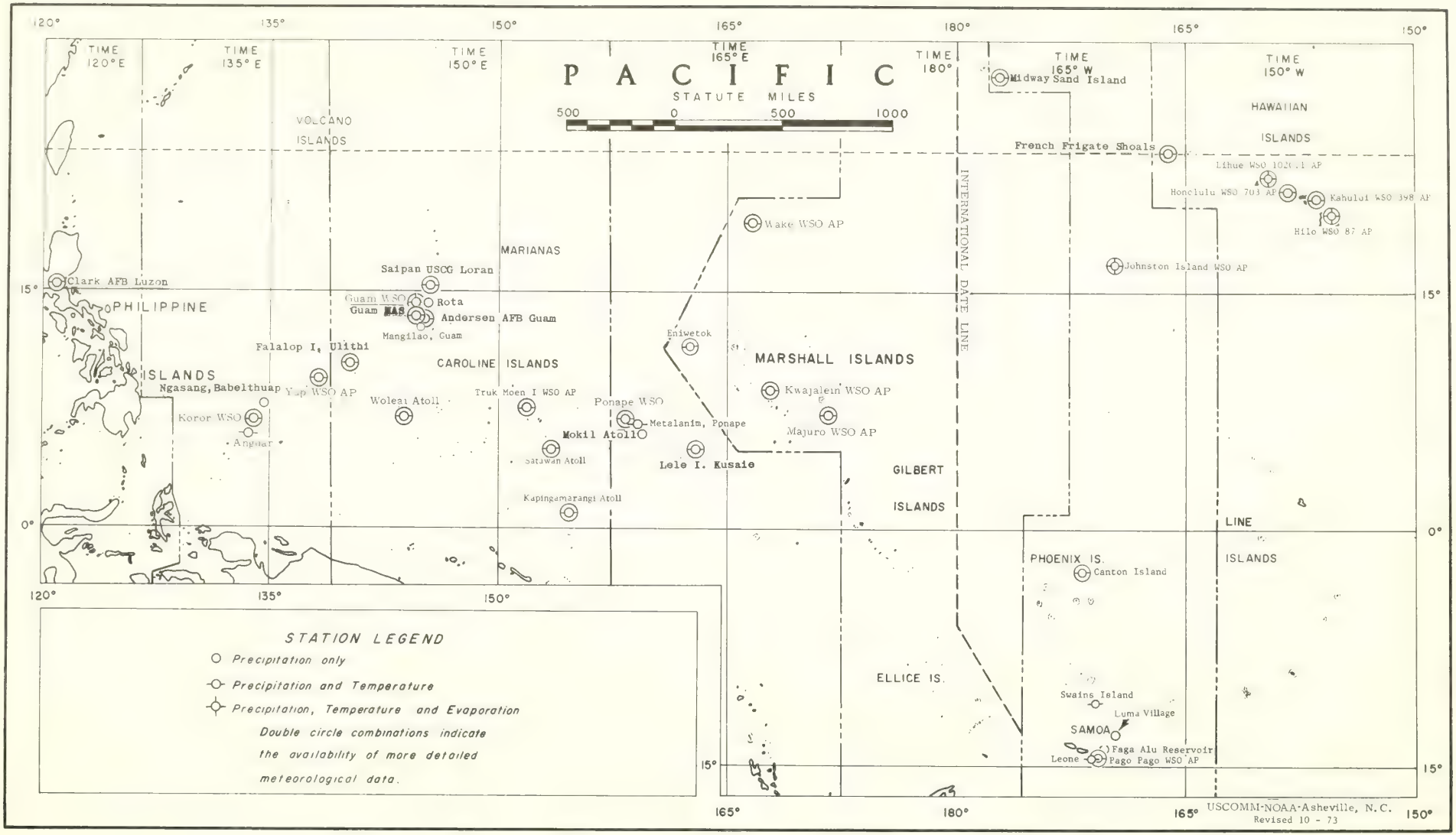
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

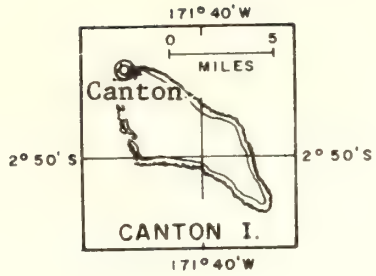


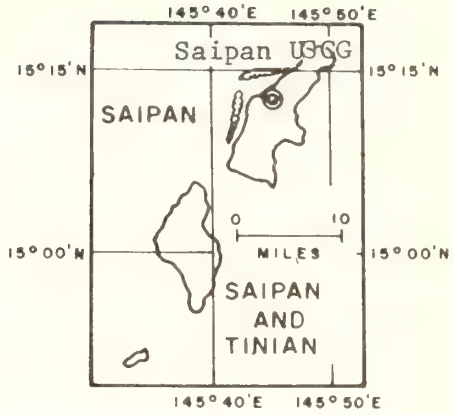

MOLOKAI
LANAI
MAUI
KAHOOLAWE
Maunaloa
Kaunakakai
Halawa
Hana
Kipahulu
Kaupo
Makawao
Pukalani
Kula
Haleakala
Haleakala Summit
Kahului
Wailuku
Paia
Kihei
Makena
Walkapu
Kaupo Ranch House
Auwahi
Pohakea Bridge
Twin Gate
Waiohonu
Waiohonu Ranch
Waiohonu Intake
Kaanapali Intake
Kaanapali Village
Kahoma Intake
Kahoma Camp
Kahoma Village
Kahoma Ditch
Kahoma Stream
Kahoma Gulch
Kahoma Flume
Kahoma Reservoir
Kahoma Valley
Kahoma Ridge
Kahoma Pali
Kahoma Pali Trail
Kahoma Pali Road
Kahoma Pali Bridge
Kahoma Pali Tunnel
Kahoma Pali Overpass
Kahoma Pali Underpass
Kahoma Pali Interchange
Kahoma Pali Junction
Kahoma Pali Rest Area
Kahoma Pali Scenic Overlook
Kahoma Pali Lookout
Kahoma Pali Viewpoint
Kahoma Pali Vista
Kahoma Pali Panorama
Kahoma Pali Summit
Kahoma Pali Peak
Kahoma Pali Ridge
Kahoma Pali Valley
Kahoma Pali Canyon
Kahoma Pali Gulch
Kahoma Pali Creek
Kahoma Pali Stream
Kahoma Pali River
Kahoma Pali Falls
Kahoma Pali Waterfall
Kahoma Pali Cascade
Kahoma Pali Rapids
Kahoma Pali Pool
Kahoma Pali Lake
Kahoma Pali Reservoir
Kahoma Pali Dam
Kahoma Pali Spillway
Kahoma Pali Outlet
Kahoma Pali Intake
Kahoma Pali Tunnel
Kahoma Pali Aqueduct
Kahoma Pali Flume
Kahoma Pali Penstock
Kahoma Pali Powerhouse
Kahoma Pali Substation
Kahoma Pali Transmission Line
Kahoma Pali Tower
Kahoma Pali Pole
Kahoma Pali Wire
Kahoma Pali Cable
Kahoma Pali Conduit
Kahoma Pali Duct
Kahoma Pali Manhole
Kahoma Pali Vault
Kahoma Pali Switch
Kahoma Pali Breaker
Kahoma Pali Relay
Kahoma Pali Meter
Kahoma Pali Gauge
Kahoma Pali Sensor
Kahoma Pali Transducer
Kahoma Pali Amplifier
Kahoma Pali Oscillator
Kahoma Pali Modulator
Kahoma Pali Demodulator
Kahoma Pali Multiplexer
Kahoma Pali Demultiplexer
Kahoma Pali Encoder
Kahoma Pali Decoder
Kahoma Pali Converter
Kahoma Pali Inverter
Kahoma Pali Rectifier
Kahoma Pali Transformer
Kahoma Pali Capacitor
Kahoma Pali Resistor
Kahoma Pali Inductor
Kahoma Pali Diode
Kahoma Pali Transistor
Kahoma Pali Integrated Circuit
Kahoma Pali Microprocessor
Kahoma Pali Memory
Kahoma Pali Storage
Kahoma Pali Disk
Kahoma Pali Tape
Kahoma Pali Drive
Kahoma Pali Controller
Kahoma Pali Interface
Kahoma Pali Bus
Kahoma Pali Network
Kahoma Pali Protocol
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Kahoma Pali Pali Pali Pali Pali Trail
Kahoma Pali Pali Pali Pali Pali Road
Kahoma Pali Pali Pali Pali Pali Bridge
Kahoma Pali Pali Pali Pali Pali Tunnel
Kahoma Pali Pali Pali Pali Pali Overpass
Kahoma Pali Pali Pali Pali Pali Underpass
Kahoma Pali Pali Pali Pali Pali Interchange
Kahoma Pali Pali Pali Pali Pali Junction
Kahoma Pali Pali Pali Pali Pali Rest Area
Kahoma Pali Pali Pali Pali Pali Scenic Overlook
Kahoma Pali Pali Pali Pali Pali Lookout
Kahoma Pali Pali Pali Pali Pali Viewpoint
Kahoma Pali Pali Pali Pali Pali Vista
Kahoma Pali Pali Pali Pali Pali Panorama
Kahoma Pali Pali Pali Pali Pali Summit
Kahoma Pali Pali Pali Pali Pali Peak
Kahoma Pali Pali Pali Pali Pali Ridge
Kahoma Pali Pali Pali Pali

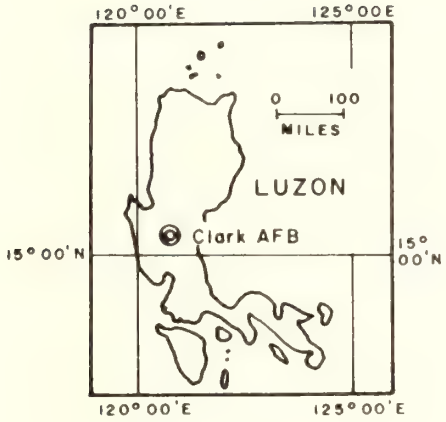

HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Mauliii
Awini
Honokane
Waikanonoula
Kehena
East Honokane
Middle Pen
Kukuihaele Mill
Kukuihaele
Hapa
Paauhau
Paauilo
Kukaiau
Ookala
Kawaihui Lower
Kolawe Lower
Kamuela
Lalamilo Field Office
Puako
Umikoa
Halepiula
Puu Mali
Keamakolu Camp
Hookuna
Hakalau
Puu Kihe
Puu Laau
Henoko Mauka
Puu Waawaa
Huehue
Halepohaku
Papaikou
Pihehonua
Kipa
Saddle Road
Waiakea SCD
Hualalai
Lanihau
Honuaula
Ahua Umi
Holualoa
Holualoa Beach
Middle Holualoa
Kolaui Mauka
Kolaui Subsid Site
Orchid Land Estate
Puu Lehuaki
Kolani Camp
Mountain View
Kalmalio
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Pahoa
Kapoho Landing
Lava Tree Park
Mauna Loa Obs
Hawaii Volcano NP Hq
Halemaumau
Puhahonu
Opihihale
Kapapala Ranch
Kyaiwa Camp
Pahala
Waiaula
Kahiawai
Manuka
Kaala Lai
Miolakaa A + F
Naalehu
Kiamoa No 2
South Point Corral
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
PLATE 2
STATUE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
USCOMM NOAA Asheville, N C
Revised 7 - 72

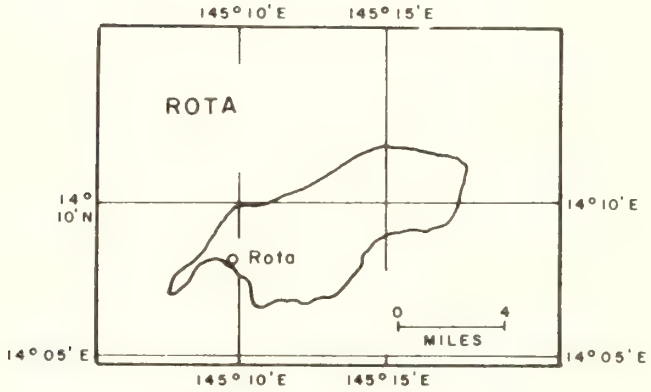


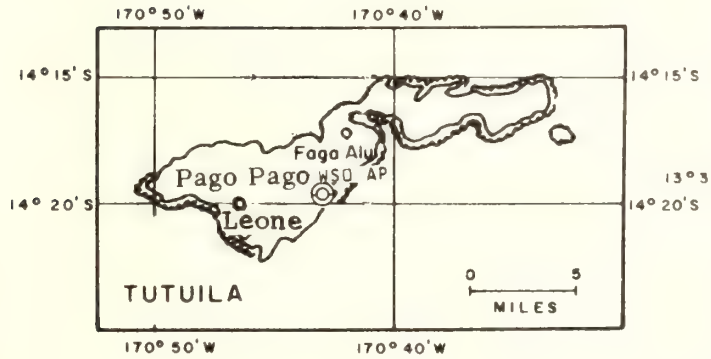
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

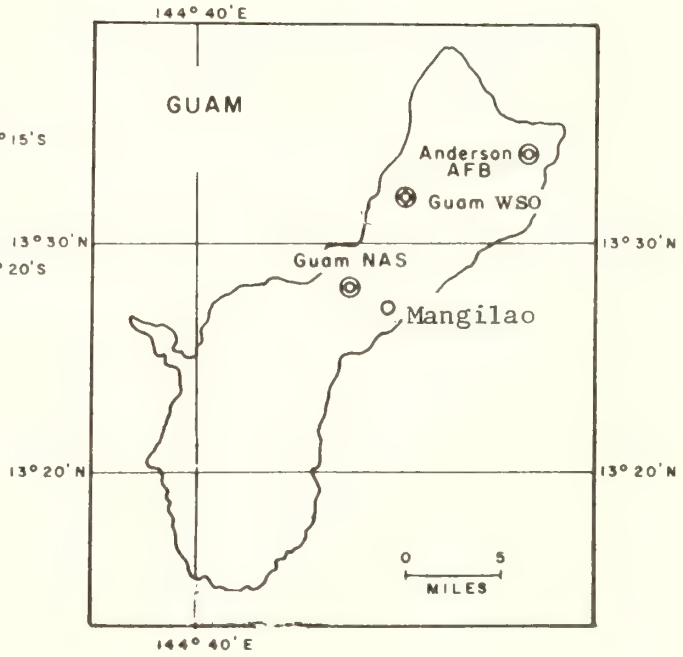

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

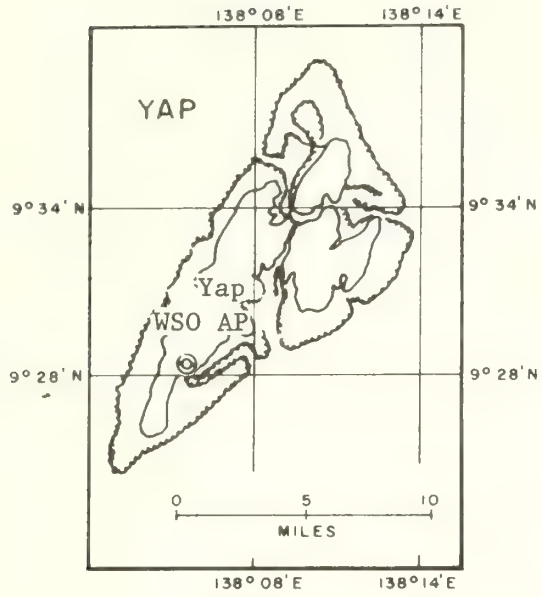

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

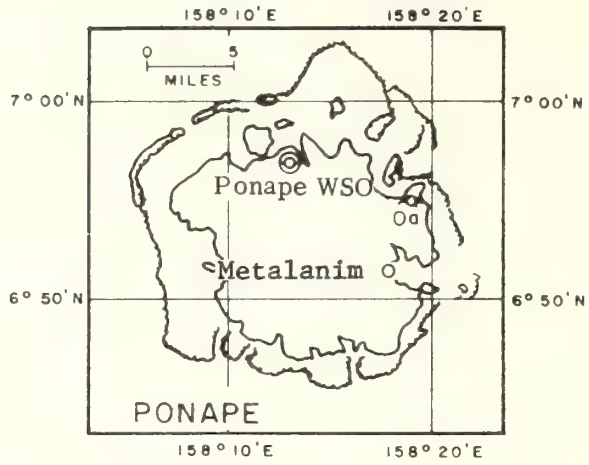

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

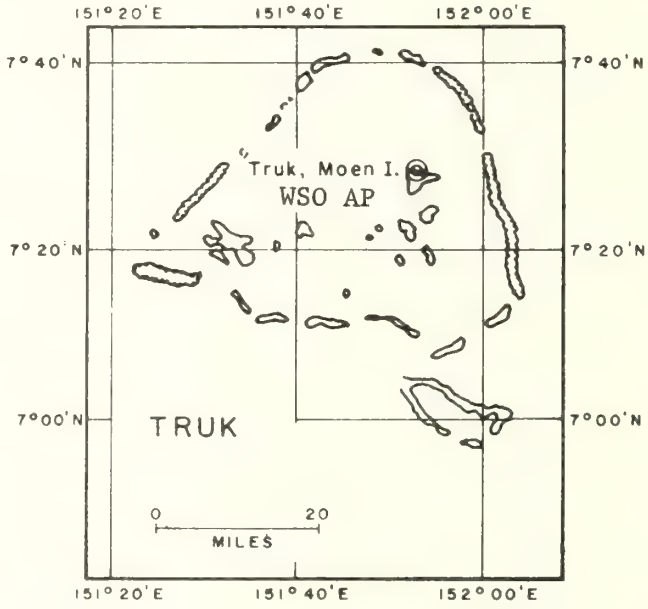

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

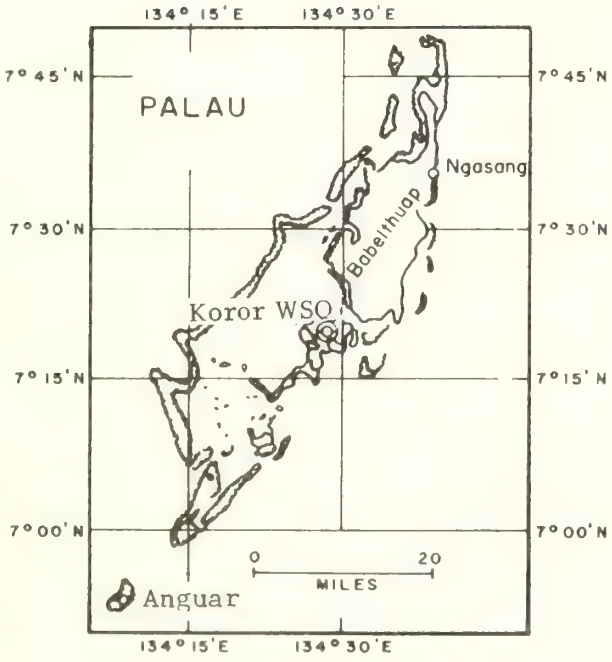

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

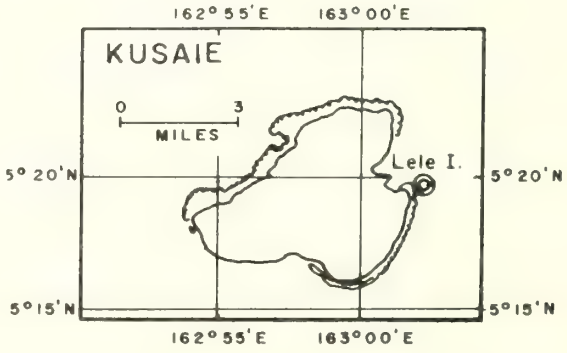
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

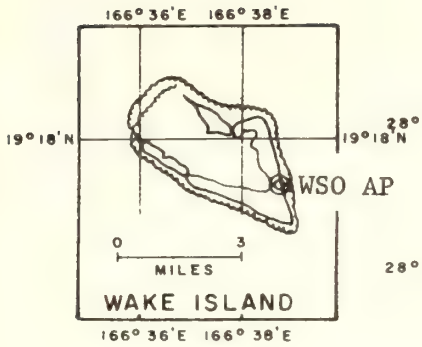

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

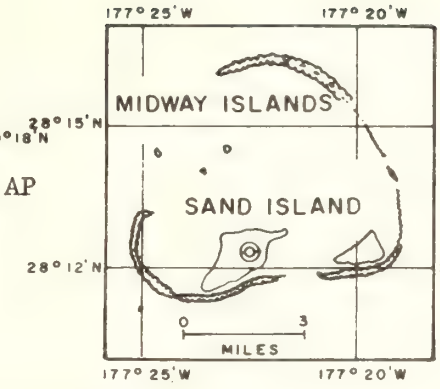

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

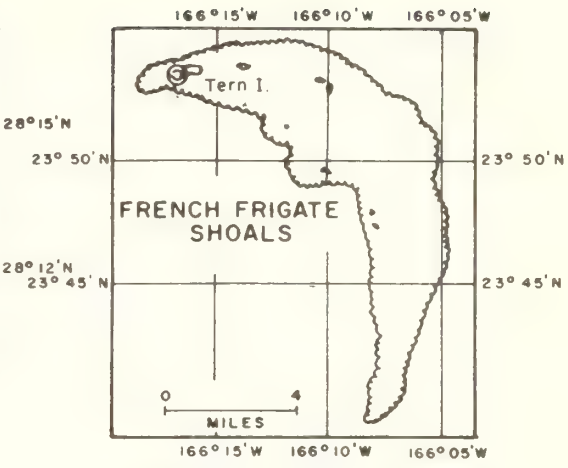

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

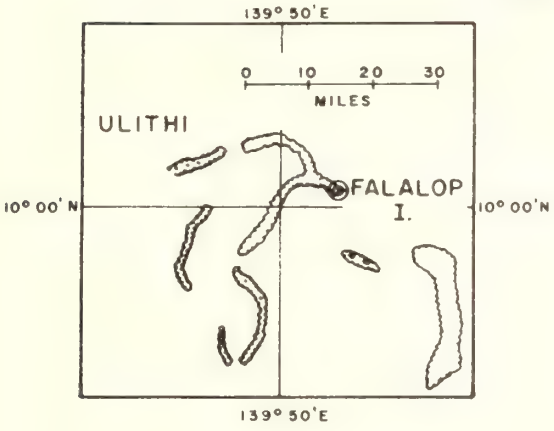

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

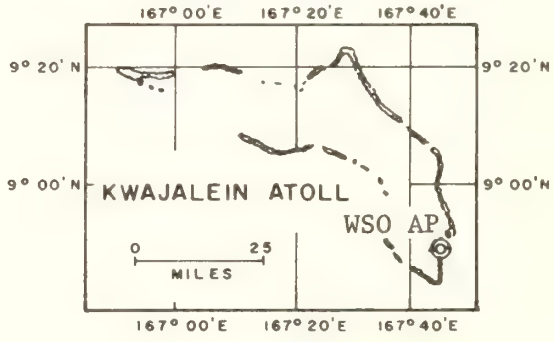
— Reef

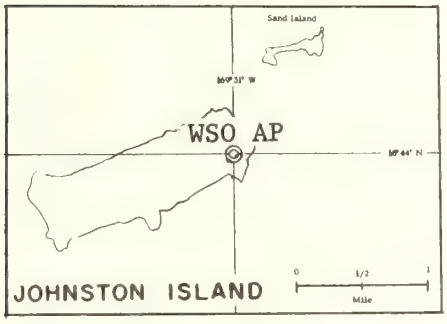

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

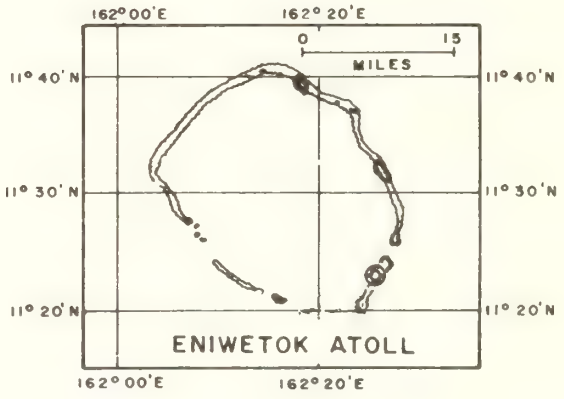

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

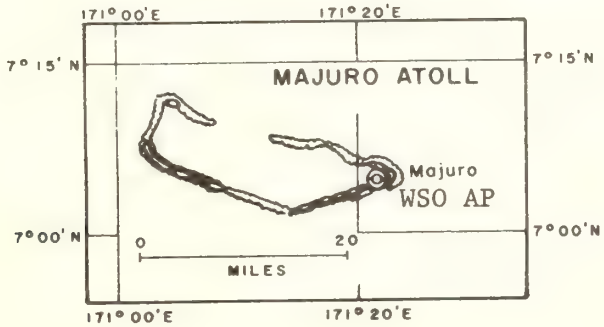

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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ASHEVILLE, N.C. 28801

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ARTMENT OF
MMERCE
BLICATION

CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
Environmental Data Service

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE			
MANA 1026, KAUAI	89	DATE	3
LOWEST TEMPERATURE			
MAUNA LOA SLOPE OBS, HAWAII	24	DATE	10+
GREATEST TOTAL PRECIPITATION			
MOUNT WAIALEALE 1047, KAUAI	25.79		
LEAST TOTAL PRECIPITATION			
MAUNA KEA OBS, HAWAII	.40		
GREATEST 1 DAY PRECIPITATION			
MOUNT WAIALEALE 1047, KAUAI	13.58	DATE	1

EMBER
1973
lume 69
No. 12
eville, N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature												Precipitation									
										No of Days								Snow Sleet			No of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																							
* * *																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A														8.11	2.71			.0	0			
KANALOHULUHULU 1075		64.8	48.5	56.7		74	3	37	20+		0	0	0	0	19.30		8.75	2	.0	0		12	7	5
KAPAA STABLES 1104	E														6.73				.0	0			
KILAUEA FIELD 17 1135	A														10.45	.94			.0	0			
KILAUEA POINT 1133		78.7	67.9	73.3		83	31	63	18		0	0	0	0	4.26		1.50	1	.0	0		6	2	1
KOLOA 936	A														6.55	- 1.07			.0	0			
LIHUE WSO 1020.1 AP	//R	78.4	67.3	72.9	.7	81	29+	60	18		0	0	0	0	6.85	1.67	3.71	1	.0	0		10	2	2
MANA 1026		81.9	63.5	72.7	.6	89	3	58	20		0	0	0	0	8.36	5.06	3.61	2	.0	0		5	3	3
N WAILUA DITCH 1051	A														15.47				.0	0			
PH WAINIHA 1115															*				.0	0			
PUEHU RIDGE 1040															11.67		6.30	2	.0	0		7	4	3
WAHIAWA 930	A														4.60	.11			.0	0			
WAIAHI LOWER 1054		75.9	58.8	67.4		81	3	51	18		0	0	0	0	10.60		2.92	2	.0	0		16	5	3
WAIMEA 947															7.63	4.28	3.11	2	.0	0		5	4	2
ISLAND				68.6											9.28				.0					
* * *																							
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		81.0	66.7	73.9		84	5+	60	18		0	0	0	0	5.12		1.20	11	.0	0		11	4	1
HONOLULU OBSERV 702.2															4.59		1.50	31	.0	0		5	4	3
HONOLULU WSO 703 AP	R	81.4	66.1	73.8	.2	85	12+	58	18		0	0	0	0	3.94	.95	1.14	30	.0	0		6	4	1
KANEOHE MAUKA 781		78.9	67.0	73.0	.9	82	30+	61	19+		0	0	0	0	10.32	3.47	3.07	8	.0	0		10	4	4
KOOLAU DAM 833	A														10.38	.38	2.90	30	.0	0		14	5	4
LUALUALEI 804	A	81.7	64.9	73.3		85	13+	55	18		0	0	0	0	4.47				.0	0				
MAKAPUU POINT 724		76.0	67.2	71.6		79	24+	61	31		0	0	0	0	5.41	2.10	1.87	30	.0	0		6	4	3
NUUANU RES 4 783															9.36	- 1.70	2.86	30	.0	0		13	5	3
OPAEULA 870	A	80.9	64.0	72.5	5.0	86	23	59	19+		0	0	0	0	4.20	- 2.77			.0	0				
PALOLO VALLEY 716	R														12.36	- .95	2.82	30	.0	0		15	8	4
PRI WAHIAWA 820.2	M	79.6M	60.4M	70.0M				55	19		0	0	0	0	3.22				.0	0				
WAHIAWA DAM 863	A														6.14				.0	0				
WAIAHOLE 837	M														13.67	- .62			.0	0				
WAIALEE 896.3		79.2M	66.5M	72.9M		83	4	62	22+		0	0	0	0	4.21		1.01	2	.0	0		9	4	1
WAIALUA 847	A	81.0	62.4	71.7	.5	86	14	57	19+		0	0	0	0	4.51	.57	1.75	2	.0	0				
WAIKIKI 717.2		81.8M	64.7M	73.3M		86	4	57	19+		0	0	0	0	5.37		1.33	31	.0	0		8	4	3
WAIMANALO EXP FARM		78.8	66.7	72.8		82	22+	60	18		0	0	0	0	7.29		2.25	8	.0	0		7	5	4
WAIPAHU 750	A														1.67	- 1.87			.0	0				
ISLAND				72.6											6.46				.0					
* * *																							
ISLAND OF MOLOKAI																							
KUALAPUU 534	A														9.93	5.67			.0	0				
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														5.51	2.01			.0	0				
MOLOKAI AP 524			64.2	M				57	19		0	0	0	0	8.46		2.04	30	.0	0		8	5	4
ISLAND															7.97				.0					
* * *																							
ISLAND OF LANAI																							
LANAI CITY 672	M	74.3M	60.0M	67.2M	.7	80	24+	55	10		0	0	0	0	6.90	3.18	5.14	3	.0	0				
ISLAND				67.2											6.90				.0					
* * *																							
ISLAND OF MAUI																							
HALEAKALA B E S 434	A														6.55	- 3.91	2.67	30	.0	0		7	5	1
HALEAKALA RS 338		61.3	44.5	52.9		68	5	35	10		0	0	0	0	5.74		1.92	2	.0	0		6	4	2
HANA AIRPORT 355																			.0	0				
HONOKOHUA 493	A														7.28	2.63			.0	0				
KAANAPALI AIRPORT		79.3M	65.5M	72.4M		84	4	59	19		0	0	0	0	6.47		2.90	2	.0	0		5	4	2
KAHULUI WSO 398 AP	M	81.1	64.4	72.8	.1	85	12+	56	19		0	0	0	0	3.48	.78	1.48	2	.0	0		6	2	1
KAILUA 446		M	M	M		80	24	57	10		0	0	0	0	4.07	- 7.78			.0	0				
KEANAE 346	A														*				.0	0				
KIPAHULU 258															3.51	- 7.40	.72	31	.0	0		9	3	0
KULA SANATORIUM 267		71.0	55.7	63.4	1.1	75	25+	50	18		0	0	0	0	6.85	3.82	1.97	2	.0	0		6	5	3
LAHAINA 361		83.2	64.5	73.9		87	12+	59	16+		0	0	0	0	7.27	4.98	4.75	3	.0	0		4	3	3
PAIA 406															3.75	- .47	2.00	3	.0	0		5	2	1
WAILUKU 386	A	M	M	M							0	0	0	0	2.99	- 1.33			.0	0				
ISLAND				67.1											5.27				.0					
* * *																							
ISLAND OF HAWAII																							
HAINA 214		78.4	63.3	70.9	.7	84	4	58	19		0	0	0	0	4.64	- 3.06	1.45	2	.0	0		7	3	2
HAWAII VOLCNS NP HQ 54		68.4M	50.9M	59.7M	1.0	72	22+	43	7		0	0	0	0	18.11	7.97	9.40	2	.0	0		9	5	4
HILO WSO 87 AP	R	82.5	65.0	73.8	2.3	88	11	60	16+		0	0	0	0	8.19	- 6.99	2.48	2	.0	0		6	3	3
HUEHUE 92.1	A														2.15	- .21	.72	2	.0	0				0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station		Temperature									No. of Days				Precipitation				Snow, Sleet			No. of Days		
											Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
KAINALIU 73.2		76.7	59.8	68.3		80	24+	55	17		0	0	0	0	3.63	.62	1.81	30	.0	0		3	2	2
KEAAU 92		79.5	63.1	71.3	.3	84	12	58	10		0	0	0	0	15.65	- .52	6.98	1	.0	0		9	4	3
KEALAKEKUA 26.2		M	M	M							0	0	0	0	*				.0	0				
KONA (KAILUA) 68.3	A	M	M	M		85	24+	62	10		0	0	0	0	2.04		1.18	31	.0	0				1
KUKUIHAELE HIC 199															4.89	- 4.33	2.31	8	.0	0		9	3	1
KULANI CAMP 79		64.9	43.7	54.3		69	23+	36	9		0	0	0	0	16.35		10.00	2	.0	0		7	5	3
PAHALA 21	A	M	M	M		82	24+	57	21+		0	0	0	0	11.78	7.35	6.00	2	.0	0		9	3	3
POHAKULOA 107	A														4.37				.0	0				
PUAKO 95.1	A	80.7	63.7	72.2		85	23	59	16		0	0	0	0	2.24		.90	7	.0	0		4	2	0
PUU WAAWAA 94.1	A														2.70	1.00	1.47	30	.0	0				1
UMIKOA 118															5.05	- 6.44			.0	0				
WAIAKEA SCD 88.2															16.22		7.24	2	.0	0		6	4	3
ISLAND				67.2											7.87				.0					

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1973

Station		Temperature												Precipitation									
										No. of Days								Snow, Sleet			No. of Days		
										Max.		Min.											
		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND		88.0	75.0	81.5	- 1.6	91	7	69	19		7	0	0	0	.20	- 2.34	.18	22	.0	0		1	0	0
FAGA ALU RESERVOIR																			.0	0				
JOHNSTON WSO AP	R	80.5	73.8	77.2	- .9	82	29+	69	30+		0	0	0	0	4.47	1.47	2.74	2	.0	0		6	2	1
LEONE		89.5		M		95	28				21	0	0	0	16.26		3.01	1	.0	0		24	10	7
FRENCH FRIGATE SHOALS		79.8M	66.8M	73.3M		86	29+	60	25		0	0	0	0	5.57		1.40	2	.0	0		8	5	2
LIMA VILLAGE															20.87				.0	0				
MIDWAY SAND ISLAND		74.4	64.8	69.6		80	10	56	23		0	0	0	0	1.42		.39	30	.0	0		5	0	0
PAGO PAGO WSO AP	R	85.3	74.6	80.0		88	11+	71	21		0	0	0	0	14.90		2.69	4	.0	0		15	9	5
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.0	77.0	80.5		87	3	75	11+		0	0	0	0	6.95		1.24	1	.0	0		14	4	1
CLARK AFB LUZON		85.7	71.5	78.6		90	30+	64	26		5	0	0	0	.31		.12	7	.0	0		2	0	0
GUAM NAS		84.8	77.0	80.9		87	5+	73	15		0	0	0	0	7.18		.82	31	.0	0		16	7	0
GUAM WSO	R	84.5	73.4	79.0	.3	87	28+	68	26+		0	0	0	0	5.35	- .76	.94	24	.0	0		17	2	0
MANGILAO															6.71		.92	24	.0	0		14	3	0
ROTA															15.45		2.10	21	.0	0		19	11	6
SAIPAN USCG LORAN		87.0	75.8	81.4		88	21+	69	26		0	0	0	0	2.74		.53	22	.0	0		8	1	0
WAKE WSO AP	R	84.2	73.1	78.7	- .2	87	3	70	22+		0	0	0	0	.93	- .89	.20	10	.0	0		5	0	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															30.01		8.79	29	.0	0		15	12	9
ENIWETOK		86.2M	73.2	79.7M	- 2.3	88	1	64	8		0	0	0	0	2.67	.04	.51	3	.0	0		9	1	0
FALALOP I, ULITHI		86.1M		M		88	17				0	0	0	0			1.79	24	.0	0		15	4	1
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	89.0	75.6	82.3	1.4	92	9+	74	30+		16	0	0	0	9.87	- 1.85	2.21	19	.0	0		14	8	3
KWAJALEIN WSO AP	R	86.2	77.5	81.9	1.1	88	3	74	21+		0	0	0	0	5.21	- 3.75	1.74	21	.0	0		13	2	1
LELE I. KUSAIE																			.0	0				
MAJURO WSO AP	R	84.8	77.4	81.1	.8	87	7	72	17		0	0	0	0	7.24	- 3.88	1.22	24	.0	0		12	7	2
METALANIM		87.0	77.2	82.1		89	22+	70	22		0	0	0	0	17.15		2.07	23	.0	0		22	14	6
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	87.0	75.2	81.1	.9	90	17+	73	21+		5	0	0	0	18.16	- .18	2.64	5	.0	0		22	13	6
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I, WSO AP	R	86.7	76.9	81.8	1.0	89	10+	74	31+		0	0	0	0	17.60	4.36	3.84	26	.0	0		19	10	6
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.7	74.3	80.5	- .5	88	21+	65	17		0	0	0	0	7.03	- 3.13	.90	12	.0	0		15	6	0

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
ANAHOLA 1114	A	8.11	*	*	5.32	.02	.15	.06	.43	*	*	.85	.25		.04		*	*	.20					*	*	.29	*	.11	.07	M	*	.32
BRYDESWOOD STA 985	A	7.31	*	*	5.40	T	.05	.05	T	*	*	.64	.30	.06	.07				T	T				*	*	.65	*	.03	.02	.04	*	*
EAST LAWAI 934	A	6.88	*	*	5.15	.02	.15	.08	.04	M	*	.20	.28	.04	.20	.02								*	*	.62	*	.05	.03	*	*	*
ELEELE 927	A	4.68	*	*	4.11	T		.02					.05		.08									*	*	.42		T	T		*	*
HALAULA 1110	A	10.17	*	M	5.70	.02	.13	.33	.65	*	*	1.98	.35		.09		*	*	.13					*	*	.17	*	.18	.06	.06	*	*	.32
HALENANAHO 1006	A	9.41	*	*	5.39	.05	.27	.15	.06	*	*	2.10	.25	.36	.06	.02	*	*	.02					*	*	.42	*	.06	.08	.12	*	*	*
HUKIPO 945		9.42	3.66	3.95	.15			.03																	.60					1.03		
ILILITULA INTAKE 1050	A	13.21	*	*	7.89	.06	.14	.10	.12	M	*	2.15	.24	.22	.22	.02	*	*	.05					*	*	.80	*	.20	.18	.04	.01	.69	.08
INTAKE WAINIHA PC 1086	A	12.64	*	5.30	*	*	*	*	.48	*	*	2.78	2.74	*	*	.12	*	*	.61					*	*	.31	*	*	*	.30	*	*	*
KANALOHULUHULU 1075		19.30	1.82	8.75	.85	.01	.02	.02	.02	1.15	.30	1.82	.45			.01	.38		.11	.02	.02				.93	.05	.05	.02	.02		2.10	.38
KANEHA RESERVOIR 1092	A	10.84	*	*	5.56	.07	.23	.30	.50	*	*	1.77	.70	.05	.15		*	*	.10					*	*	.33	*	.53	.19	.06	*	*	.30
KAPAA STABLES 1104	A	6.73	*	*	4.13	.02	.11	.20	.40	*	*	.90	.22	.02	.01	.01	*	*	.07					*	*	.20	*	.08	.03		*	*	.33
KEALIA 1112	A	8.73	*	*	5.10	.02	.07	.06	.40	*	*	2.05	.23	.05	.03		*	*	.13					*	*	.17	*	.07	.03		*	*	.32
KEKAHA 944		9.32	3.92	4.46	.03																				.15						.73	.03
KILAUEA 1134	A	8.51	1.92		1.57	.02	.23	.32	.70	2.00		.12	.35															.96				.32
KILAUEA FIELD 17 1135	A	10.45	*	*	*	*	*	*	6.00	*	*	*	*	*	M	3.15	*	*	*	*	*	*	.05	*	*	*	*	*	*	1.25	*	*	*
KILAUEA POINT 1133		4.26	1.50	.08	.01	.09	.39	.30	.87	.06	.17	.08												.01	.15	.12	.07	.03			.30	.02	.01
KOLO 1033		6.44	1.88	2.80	.06			.13	.05				.09												.13	.07						1.18	.05
KOLOA 936	A	6.55	*	*	4.95	.03	.12	.06	.13	*	*	.43	.22	.05	.11											.40	*	.01	.03	.01	*	*	*
KOLOA MAUKA 994	A	8.95	*	M	5.82	.08	.16	.12	.08	*	*	.80	.46	.26	.08	.03	*	*	.03	.01				*	*	.74	*	.08	.12	.08	*	*	*
KOLOKO RES 1137	A	10.84	M	*	*	*	*	*	6.40	*	*	*	*	*	*	2.90	*	*	*	*	*	*	.06	*	*	*	*	*	*	1.28	*	*	*
KUKUIULA 935	A	5.31	*	*	4.58	T	.03	.07	.02	*	*	.08	.18	.02	.02									*	*	.31		T	T				
LIHUE VARIETY STA	A	8.80	*	*	5.35	.10	.35	.18	.63	*	*	.76	.30	.13	.06		*	*	.02					*	*	.27	*	.19	.05	.03	*	*	.41
LIHUE 1020	A	8.51	*	*	5.56	.01	.16	.14	.19	*	*	.56	.14	.24	.01	.01								*	*	.46	*	.13	.07	.03	*	*	.80
LIHUE WSO 1020.1 AP	//R	6.85	3.71	.25		.12	.26	.03	.18		T	.36	T	.15	T	T			.01					.08	.28		.02	.02	.01	.07	T	1.17	.13
MAKAHUENA POINT 940.1		5.32	.39	2.11	.25	.06	.07	.08		.08		.32	.10	.01	.08	.03	.07								.31	.17		.01			1.16	.02
MAKAWELI 965	A	6.64	1.35	2.80	.94	.01		.33	.01				.05		.04										.52	.04			.01	.01	.45	.08
MANA 1026		8.36	3.03	3.61				.23		.02															.23						1.18	.04
MOHIHI UPR CROSS 1083	A	16.46	7.11	.99			.09	.09	.99	.09	.36	2.79				.18								.37	.64			.09			.09	2.21	.37
MOLOAA 1145	A	7.35	*	*	3.80	.03	.13	.18	.54	*	*	1.28	.30	.02			*	*	.03					*	*	.48	*	.15	.24		*	*	.17
MOUNT WAIALEALE 1047	R	25.79	13.58	1.50		.43	.16	.39	1.46		.20	2.80	.28	.75										.51	.63		.20	.31	.35		1.18	1.06
NIU RIDGE 1035		10.72	*	8.00				.40	.04			.15														.55					1.58	
N WAILUA DITCH 1051	A	15.47	*	*	8.98	.03	.15	.22	.27	*	*	2.45	.71	.30	.12	.03	*	*	.18					*	*	.65	*	.25	.14	.21	.01	.69	.08
PH WAINIHA 1115		*	*	2.50	.04	.02	T	.35	.46	1.34	*	.26	.95	.04	T	.07	*	*	.51					*	M	1.25	*	.47	.09		*	*	*
PRINCEVILLE RANCH 1117		9.22	*	*	3.13	.01	.22	.50	1.72	*	*	1.43	.13	.14	.03	.09								*	*	.27	*	.86	.19		*	*	.50
PUEHU RIDGE 1040		11.67	2.50	6.30	.07			.20	.10			.30														.80					1.40	
PUHI 1013	A	9.24	*	*	6.23	.05	.16	.22	.09	*	*	.78	.29	.35	.04	.06	*	*	.03					*	*	.55	*	.16	.11	.12	*	*	*
RESERVOIR 6 1004	A	9.94	*	*	6.17	.11	.28	.08	.14	*	*	1.10	.46	.46	.06	.03					.01			*	*	.79	*	.03	.08	.14			
WAHIAWA 930	A	4.60	M	*	3.76	T	.01			*	*	.20	.07	T	.01									*	*	.37	*	.18	*	*	*	*	*
WAIAHI LOWER 1054		10.60	2.24	2.92	.23	.03	.92	.13	.42	1.46	.06	.14	.36	.14	.19									.02	.40	.03	.12	.10	.10	.02		.52	.05
WAIAHI UPPER 1052		11.09	2.10	4.25	.30	.01	.10	.08	.09	.99	.11	.50	.40	.05	.21	.05	.03							.25	.45	.05	.13	.05	.09	.02	.01	.69	.08
WAIAWA 943		8.52	2.72	4.62	.07			.01											.03						.17						.90	
WAILUA KAI 1065	A	7.92	*	*	4.90	.06	.17	.25	.25	*	*	1.10	.15	.04	.03									*	*	.26	*	.34	.02	.02	*	*	.33
WAIMEA 947		7.63	2.85	3.11	.17																				.72						.78	
WEST LAWAI 931	A	5.20	*	*	4.31	.01	.05	.06	.01	*	*	.07	.20	.01	.02	T								*	*	.41	*	.05	T	*	*	*	*
* * *																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		8.93	.38	.92	.99	T				.30	.31	.99	.61	T										*	*	*	M	.51	.01	.06		1.25	2.60
CAMPBELL IND PK 702.5		4.84	.70	1.10	.03					.05		.05	.06	T											.05	.64	T					1.20	.96
CAMP 84 807	A	5.78	*	1.65	.07	M	*	*	*	*	*	.49	.05				*	*	.02					*	*	*	*	.39	.02	.06	*	*	3.03
CHURCH COLLEGE LAIE		5.12	.65	.94	T					.19	.20	.10	1.20	.07					.07						.14	.09	.01	T	.14	.19	T	.68	.45
COCONUT ISLAND 840.1		9.19	.82	1.04	.10	.02				4.05	*	.13	.03	.03											.14	.30	.04		.02	.05		1.75	.81
EWA PLANTATION 741		4.19	*	*	.74					*	*	.09	.03	.01										*	*	.21						1.90	1.21
HELEMANO INTAKE 881	A	3.13	*	*	2.48	*	*	*	*	*	*	.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HOKULOA 725.2	A	6.56	*	4.18	*	*	*	*	*	*	*	*	.43						*	*	*	*	.50	*	*	*	*	*	*	*	.30	*	1.15
HONOLULU OBSERV 702.2		4.59	.50	1.12	.07					.08		.07	.06	T											T	.19						1.00	1.50
HONOLULU WSO 703 AP	R	3.94	.91	.23	T	T			.08	.03	T	.29	T	T					T						.08			T	.01		.52	1.14	.65
HONOLULU SUBSTA 704	R	4.32	.85	.15					.22	.05	.66														.52							1.37	.50
H S P A EXP STA 707		7.29	.13	.74	.11	T				1.16	.07	.93	.47	.04											.56			T	.03	.08		1.46	1.51
KAENA POINT 841.3		*	*	*	*	*	*	*	4.30	*	*	1.77	.04			.06	*	*	.03					*	*	*	*	*	*	1.51	*	*	*
KAHANA 883	A	13.83	*	*	7.60	*	*	*	*	*	*	4.27	*	*	*	*	*	*	1.12	*	*	*	*	*	*	.84	*	*	*	*	*	*	*
KAHUKU 912	A	4.79	.48		1.02			.08				.48				.06	.04		.02	.05				.06	.81			.51	.08	.06		.03	1.01
KAILUA FIRE STA 791.3		2.61					T		.02	2.02			.03			.09	.02								.02		.25		.11			
KALIHI RES SITE 777	R	9.12	2.06	.26		.04			.82	.22	.10	.18	.22	.57		.04	.02								.52	.14		.06	.28	.02	.24	2.36	1.04
KANEOHE MAUKA 781		10.32	.23	1.94	.10	.01				3.07	.04	.10	.25	.13	.04	.02									.01	.25	.06		.01	.07	.01	2.08	1.90
KAPALAMA 773	A	4.47	*	*	2.30					*	*	.91		.66										*	*	*	.50	.02	.08	*	*	*	
KAWAIHAPAI 841	A	4.55	*	*	1.17					*	*	1.20	.06				*	*	.05					*	*	.78	*	.03	.04	T	*	1.22	*
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	A	3.37	*	M	2.00					*	*	.60	.20				*	*	.04					*	*	.42	*	.05	.05	.01	*	*	*
KODLAU DAM 833	A	10.38	1.90	1.27	.71	.15				.14	.05	.32	.47	.18	.04				.04						.36	.30	.30	.06	.10	.04		2.90	1.05
LUALUALEI 804		4.47	*	2.02	.01					.15	.01	.10													.45					1.73	*		
LUALUALEI WTR TUNNEL	A	14.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.20
MAKAHA KAI 796.1	A	5.32	.56	.79	.02					.23	.01	.54	.09													.69	.03				.67	1.08	.61
MAKAHA PUMP 800.2	A	5.92	.65	.82	.02						.12	1.24	.02													.25	.40					1.28	1.12
MAKAPUU POINT 724		5.41	.02	.57	.16					1.28	.03	.33		.01					.05										.02		1.87	1.07
MANOA 712.1		8.56	.21	1.02						1.41	.17	.97	.79	.21												.62			.12	.12	1.45	1.48	
MANOA TUNNEL 2 716	R	13.22	1.34	.42	.04		.02		2.56	.52	.42	1.12	1.10	.64		.04									.50	.30	.04	.08	.54	.14	.12	2.64	.64
MOANALUA 770		5.79	1.31	.93	.11	.01				.27	.01	.26	.15	.01											.16	*	M	.06	.07		1.12	1.32
NUUANU RES 4 783		9.36	1.46	.30	.02				1.26	.28	.07	.23	.44	.46											.04		.12	.18	.04	.12	2.86	.60
NUUANU RESERVOIR #5	A	8.07	*	*	1.80	*	*	*	*	*	*	1.42	M	*	*	*	*	*	1.43	*	*	*	*		.52	*	*	*	*	*	*	2.90	
OPAEULA 870	A	4.20	T	2.00	.02					T	T	.30	.10	T											.50	*	.06	.10	.07	*	1.05	*	
PALI GOLF COURSE 788.1		10.03	.65	2.00	.07		.02		.01	2.35	.15	.15	.16	.33				.05						.14	.04		.10	.09			2.25	1.47
PALOLO VALLEY 718	R	12.36	1.32	.50	.02	.02			2.44	.74	.20	1.02	.32	.86		.16	.02								.36	.12	.02	.04	.40	.12	.08	2.82	.78
PAUOA FLATS 784	R	11.60	1.44	.44	.02	.02			1.28	.38	.20	.62	.68	.88											.88	.06	.02	.10	.14	.48	.24	3.06	.66
PORTLOCK ROAD 724.4		4.71	.04	.62	.12				1.17	*	*	.79	.01													.01				.05	.65	1.10
PRI WAHIAWA 820.2	A	3.22	*	*	2.00					*	*	.24	.08				*	*	.02					*	*	*	*	.79	.04	.05	*	*	*
PUNCHBOWL CRATER 709	A	6.11	.29	.86	.15	.08		.02		.61	.02	.10	1.10	.03				.01							.59	.03	.01	.01	.04	.07		.04	2.05
ST STEPHENS SEM 788		10.38	.27	1.95	.05	.01			.04	2.16	.04	.31	.15	.26	.01	.01	.05								.05	.60	.10	.03	.09	.03	.04	1.83	2.30
TANTALUS 2 780.5		W21.01	*	*	*	*	9.56			1.05	.13	.17	1.77	.20			.01		.01							.83	.02		.15	.07		1.43	1.44
UNIV OF HAWAII 713	A	6.95	*	*	.99				T	*	*	1.92	.48	.11										*	*	.55		T	.04	.05	*	*	2.81
UPPER WAHIAWA 874.3		6.60	.45	1.92	.14					.19	.01	.23	.56				T		.07						.51			.13				1.45	.94
WAHIAWA DAM 863	A	6.14	*	*	3.02		.01			*	*	.55	.04				M	*	.05			*	*	*	*	*	*	.02	.02	.02	*	*	2.41
WAIAHOLE 837	A	13.67	*	*	3.73	.07	*	*	*	*	*	4.27	.37	.17	.05	M	*	M	.04	*	*	M	*	*	*	.28	*	.10	.18	.26	*	*	4.15
WAIALAE KAHALA 715		6.02	.06	.89	.14	T				.65	.07	1.08	.03	.05			.01								.02	.26	.01		.07	.01		1.22	1.45
WAIALAE 896.3		4.21	.12	1.01	.07					.11	.07	.39	.65	.01												.15	.09		.05	.18		.76	.55
WAIALUA 847	A	4.51	.19	1.75	.01					.10	.10	.22	.02				.02									.38	.04		.04		*	1.21	.43
WAIANAE 798.2	A	5.20	.71	.68	.02					.10	.03	.35	.01				T		T						.16	.47	.07					1.45	1.15
WAIANAE MAUKA 803	A	11.05	2.70	*	*	*	1.82	*	*	1.20	*	*	*	.58	*	M	.31	*	*	*	.17	*	*	.25	*	*	*	3.76	*	*	.26	*	*
WAIAWA 836	A	4.51	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.51
WAIKANE 885	A	13.48	*	*	7.50	*	*	*	*	*	*	5.21	*	*	*	*	*	*	.33	*	*	*	*	*	*	.42	*	*	*	*	*	*	*
WAIKIKI 717.2		5.37	.18	.73	.11					.27	.07	1.08	T	.07											T	.40		T	.02	T		1.11	1.33
WAIMANALO EXP FARM		7.29	.03	1.08	.12					2.25	.09	.55	.03	.09											.03	.28	.02		.02	.08		1.36	1.26
WAIMEA 892	A	4.06	*	*	1.42					*	*	.30	.48	.01			*	*	.05					M	*	.25	*	.42	.10	.10	*	.93	*
WAIPAHU 730	A	1.67	*	*	1.31					*	*	.13	.07	.01			*	*	.01					*	*	.14							
WILHELMINA RISE 721	R	7.90	.76	.48	.02	.02			1.54	.18	.30	.94	.04	.16											.18	.02			.20		.14	2.26	.66

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ISLAND OF MOLOKAI																																	
KALAUPAPA 563	A	11.26	.33	2.17	.23	.12	.31	1.16		2.62	.08	.29	1.22	.04									.04	.07	.08	.03		.04	.03	.06	.47	1.11	.76
KAUNAKAKAI 536	A	6.93		3.67				.03				.24																			2.99
KEONEPELE PENS 551	A	5.33	*	2.36	*	*	*	*	*	*	*	*	*	*	*	*	.97	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00
KUALAPUU 534	A	9.93	*	*	3.48			.72	*	*	*	3.01	.03						.20											*	*	2.49
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	5.51	*	*	2.50		*	.08		*	*	1.43					*	*	.11					*	*	*	*	.02			*	*	1.37
MOLOKAI AP 524		8.46	.35	2.02	1.15			.26		1.80	T	.24	.02	T					T												2.04	.58
PUUOMOKU RANCH 542.1		6.46	.05	2.77	1.54			.13	.95		.09	.63							.08							.10						
WAIKOLU 540	A	6.15	*	*	*	*	*	*	*	*	*	5.35	*	*	*	*	*	*	.70	*	*	*	*	*	*	*	*	.10	*	*	*	*	*
ISLAND OF LANAI																																	
KANEPUU 690	A	5.32	*	*	*	*	4.75	*	*	*	*	*	*	*	.35	*	*	*	*	*	*	.22									*	*	*
KAUMALAPAU HARBOR 658	A	4.51	*	*	3.67					*	*	.22																			*	*	.62
LANAI CITY 672	A	6.90			5.14							.34		.07						.01										.25	*	*	1.09
LANAIHALE 684	A	4.75	*	*	*	*	4.05	*	*	*	*	*	*	*	.55	*	*	*	*	*	*	.10	*	*	*	*	*	*	*	.05	*	*	*
MAHANA 694	A	6.45	*	*	*	*	6.00	*	*	*	*	*	*	*	.45																*	*	*
MALAJEA 676	A	5.40	*	*	*	*	5.10	*	*	*	*	*	*	*	.30																*	*	*
WAIAKEAKUA 685	A	5.78	*	*	3.53	*	*	*	*	*	*	*	*	*	*	*	.26	*	.13	*	*	*	*	*	*	*	*	*	*	*	*	*	1.86
ISLAND OF MAUI																																	
AUWAHI 252	A	5.85	*	*	2.00	*	*	*	*	*	*	.23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.75	1.87
HALEAKALA B E S 434	A	6.55	.24	.97	.65					.70	.25	.90	.01	.03			.07	.02		.04												2.67	
HALEAKALA RANCH 432	A	5.97	*	*	1.61	*	*	*	*	*	*	1.62	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.74
HALEAKALA RS 338		5.74	.09	1.92	.81	T				.94	.38	1.09	T	.03																T		.48	T
HALEAKALA SUMMIT 338.4	A	5.20	*	*	4.64					*	*	.15	.41	T																*	*	*	*
HALIIMAILE 423	A	5.41		*	1.85					.87	.55	.01	.01			.02															*	*	2.10
HAMAKUAPOKO 485		4.52	.01	.56	.93			.04	.02	.66	.09	.43	.43	.10			T			.04										.01		1.12	.08
HANA 354	A	4.26	.04	*	.77	.04		.02		1.24	*	1.16	.02	.10		.02		*	.10					.02	*	.10	*	.01	.11		.01	*	.50
HANA AIRPORT 355		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HANAMULI 281		3.89	.02	.06	.56	.12	T	.06	.22	.37	.15	.87	.04	.12	T									.05					.10	.05	.34	.50	.26
HOLUA CABIN 259.5	A	6.25	*	*	*	*	4.50	*	*	*	*	*	*	*	*	*	*	*	1.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOKOHAU 480	A	9.34	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.34
HONOKOHUA 493	A	7.28	*	*	4.70				.10	*	*	.50	.35	.10	.03																*	*	1.50
HONOMANU GULCH 341	A	4.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.30
KAANAPALI AIRPORT		6.47	T	2.90	1.83					.07	.06	.38	.07				.02																.55	.59
KAHOMA INTAKE 374	A	9.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.00
KAHULUI WSO 398 AP	R	3.48	.48	1.48						.63	.32	.05				.02			T												.08	.31	.11
KAILILI 436	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KAILUA 446		4.07	*	*	1.19	.01		.22	.01	*	*	1.77	.32	.08	.13		*	*	.03	.02								.11	.08	*	*	*	.10
KAUAULA INTAKE 375	A	9.62	*	*	1.48	*	*	*	*	*	*	7.30	*	*	*	*	*	*	.84	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEAHUA 410		3.97	T	.72	1.48					.71	.12	.93	T				.01																	
KEANAE 346	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KEAWAKAPU BEACH 260.2		6.25	.78	.96	2.87				.01	.06	.02	.24																				.57	.74
KIHEI 311		4.61	.01		3.40							.50																				.70	
KIPAHULU 258		3.51			.59	.10				.25	.30	.05	.17	.09										.17			.07		.04	.27	.09	.60	.72
KULA HEIGHTS 323.2		6.78	.05		1.72					1.17	.17	.48																			3.11	.08	
KULA SANATORIUM 267		6.85	.01	1.97	1.93	.04			.29	.57	.03	.08	T	.01	T	.01														T		1.21	.70
LAHAINA 361		7.27			4.75							.17																			1.30	1.05
LAUNIUPOKO INTAKE 376	A	5.79	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.79
LAUNIUPOKO VILLAGE 372	A	7.18		2.96	2.51																											.48	1.23
LUPI UPPER 442	A	4.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.40
MAHINAHINA 466	A	7.97		2.35	3.38							.12	.26	.06																		1.80	
NAKALELE FIELD 60 497	A	6.94	*	*	4.05	*	*	*	*	*	*	.75	*	*	*	*	*	*	.72								*	*	*	*	*	*	1.42
OLINDA 332	A	3.28	*	*	1.82	T							T	T																T	.40	1.05	.01
OLOWALU 296		7.56		3.05	1.90					.07		.03																				.54	1.97
PAAKEA 350		*	1.72	1.08	1.20			.25	.12	3.43	.10	.67	.60	.87					.05				.01						.41	*	*	*	
PAIA 406		3.75	T	.61	2.00					.18	.06	.34	.07	.01			T			.01												.46	.01
PANILEIHULU 259.2	A	5.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.00
POHAKEA BRIDGE 307.2	A	7.81	*	1.92	3.78	*	*	*	*	.06	.37	.38	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.80	.50
POLIPOLI SPRINGS 267.2	A	5.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.70
PUOHOKAMOA 2 343	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUUNENE 396		3.08	.05		2.04							.79																				.20	
SPRECKELSVILLE 400.2		3.34		.53	1.48					.54	.15	.28	.02	T																		.24	.10
TWIN GATES 261.3	A	5.92	*	*	2.80	*	*	*	*	*	*	.68	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.44
UKULELE 333	A	6.07	*	*	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.07
UKUMEHAME 301	A	7.73		3.04	2.40					.06		.04																				.43	1.76
ULUPALAKUA RANCH 250		5.93	.04	2.95	.15	.01			.59			.28	.01																				1.90
WAHIKULI 364	A	8.41	*	3.75	2.15	*	*	*	*	*	*	.24	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.37	.90
WAIEHU CAMP 484	A	5.49		1.56	1.12					.60	.18	.52		.09					.02													.49	.91
WAIHEE VALLEY 482	A	6.65		1.56	1.32			.21		.86	.99	.37		.12					T													.80	.42
WAIKAMOI 449	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WAIKAMOI DAM 336	A	7.41	*	*	1.75	T	T	.04	.01	*	*	4.45	.07	.09	T	*	*	*	.01	T				T		T	.10	*	.05	.01	.40	.42	.01
WAIKAPU 390	A	5.31		1.90	1.37			.02		.09	.23	.32																				.84	.54
WAILUKU 386	A	2.99	*	*	2.35			.02		*	*	.60		.02																				
WAIOPAI RANCH 256	A	6.69	*	*	3.03	*	*	*	1.01	*	*	.35																					2.30	
ISLAND OF HAWAII																																	
AHUA UMI 75	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00
AINI 182.1	A	20.80	*	*	18.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.80	*	*	*	*
CITY OF REFUGE 27.4		2.10	*	*	.50	.10	.04	T	T	*	*	*	.02			.02										.02				*	*	*	1.40
EAST HONOKANE 183.2	A	21.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	21.75	*	*	*	*
HAINA 214		4.64	.02	1.45	.24	.01	.01	.53		1.34	.02	.22				.01	.38			.03				.05							.01	.32	
HAKALAU 142		13.54	1.97	6.08	.06	.20		.15		1.09	.85	.34		.10			.09													.03	.17	2.40	.01
HALEMAUMAU 52	A	11.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.90	*
HALEPIULA 117	A	3.66	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.66	*	*	*
HALEPOHAKU 111	A	8.19	2.00	4.00	.01					.06		.20	.01	1.08																	.28		.55
HAWAII VOLCNS NP HQ 54		18.11	3.75	9.40	1.61	.12	.03	.02	.01	.01		.18		.62		T	T			.01				.15	.03		.01	T	T		.33	1.83	
HAWI 168	A	2.08	*	*	.40	.16	T	.50	.10	*	*	.46		.10	.01		*	*	.08					*	*		*	.10	.04	.07	*	*	*
HILO COUNTRY CLUB 86.6		16.36	3.89	8.15	1.30	.19	.03	T	T	.01				.04	T		T	T						.06		.06	*	.10		.25	.03	1.77	.02
HILO WSO 87 AP	R	8.19	2.43	2.48	.01	.21				.04	.12		.22	.01	.01		.10		T	T			T		.01		T	T	T		2.20	.35	
HOLUALOA 70	A	1.26	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.26	*	*	*
HOLUALOA BEACH 68	A	1.08	*	*	.48	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60
HONAUNAU 27		*		*	.84	.04	.08	.03		*	*	.31			.08																	*	
HONOHINA 137		16.28	1.39	8.12	.69	.11		.16		2.67	.20	.52		.17			.06													.06	.14	1.98	.01
HONOKANE 181.1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOMU MAUKA 138		19.67	3.70	9.10	.14	.41	.03	.02	.01	1.43	.65	.10		.70			.24	.02		.09				.11		.01			.01	.06	.34	2.49	.01
HONUAULA 71	A	1.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.07	*	*	*
HUALALAI 72	A	.89	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.89	*	*	*
HUEHUE 92.1	A	2.15	.41	.72	*	*	*	*	*	.42	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60
KAALA IKI 12	A	13.80	4.15	4.20	.24	*	*	*	*	*	.49	.30	*	*	*	.02	*	*	*	*	*	*	.11	*	*	*	*	*	1.28	*	.04	1.97	1.00
KAAWALOA 29	A	2.77	*	*	.77		.49		.25						.03		.03		T												*	*	1.23
KAINALIU 73.2		3.63	.02	.35	1.23	.02	T		.09		T				.03											.03						1.81	.02
KALAPANA NO 1 87.8		11.49	3.85	1.30	.13	.09								.51	T									.12	T	.03	T			.19	1.23	3.03	.99
KAMAOA NO 2 5	A	11.54	*	6.98	*	*	*	*	*	*	.49	*	*	*	*	*	*	.72	*	*	*	*	*	*	.15	*	*	*	*	*	*	3.20	
KAMUELA 192.2		2.86	.60	.40	.03	.02	.07	.07		.18	.38	.50		.01	.02		.07													.06	.11	.34	
KAPAPALA RANCH 36	A	18.16	*	14.60	*	*	*	*	*	*	1.28	*	*	*	*	*	*	.18	*	*	*	*	*	*	.20	*	*	*	*	*	*	1.90	*
KAPOHO LANDING 93.5	A	2.46	*	*	*	*	*	*	1.43	*	*	*	*	*	*	*	.21	*	*	*	*	*	.15	*	*	*	*	*	*	.67	*	*	*
KAWAINUI LOWER 193	A	7.02	*	*	*	*	*	*	4.06	*	*	*	*	*	*	1.80	*	*	*	*	*	.48	*	*	*	*	*	*	*	.68	*	*	*
KEAAU 92		15.65	6.98	3.21	.07	.58	.05				.16	.01		.44			.19	.02						.03						.12	.24	3.53	.02

See reference notes following Station Index

DAILY PRECIPITATION

Station		Total	Day of Month																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KEALAKEKUA 26.2		*	*	*	*	*	*	*	*	*	*	*	*	2.06	*	*	*	*	*	*	.11											
KEHENA 181.2	A	17.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	17.80	*	*	*	*	*
KIOLAKAA A & F 6	A	11.28	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.28	*
KIPA 89.2	A	18.41	4.45	9.60	.72	.26	.04	.03		.08		.65						.01			.01			.11		.01					.09	2.36	
KOHALA MAULILI 176	A	2.39	*	*	.43	.02	.02	.23	.05	*	*	.68		.74	.01	.02	*	*	.18								*	.01			*	*	*
KOHALA MISSION 175.1		2.42	T	.17	.22	.06		.25	.06	.06	.08	.54	T	.12	T	T	.27							.01			.03			.02	.21	.32	T
KOIAWE LOWER 196	A	4.13	*	*	*	*	*	*	2.61	*	*	*	*	*	*	1.06	*	*	*	*	*	*	.06	*	*	*	*	*	*	.40	*	*	*
KONA (KAILUA) 68.3	A	2.04	*	*	.34					*	*	.52																					1.18
KONA VILLAGE 93.8		1.04	.20	.05					.68		.02																				.09		T
KUKAIAU 222		7.56	2.00	.52	.03	.04	.38	T	2.77	.38	.50	T	.08			.40			.04	T									T	.42	T	T
KUKUIHAELE HIC 199		4.89	.03	.57	.21	.20		.52	.06	2.31	.21	.40				.05								.15			.04				.14		
KUKUIHAELE MILL 206	A	4.37	*	*	1.78	.11		.39		*	*	1.39					*	*	.15					*	*	.09					*	*	.46
KULANI CAMP 79		16.35	3.05	10.00	.98	.01						.10		.91												.04				1.00	.25	.01
KULANI MAUKA 76	A	7.45	4.95	1.75						.10			.40																		.25		
KULANI SCHOOL SITE 78	A	16.50	7.05	*	*	*	*	*	*	8.50	*	*	*	*	*	*	*	*	*	*	*	*	*	.03	*	*	*	*	*	*	.92	*	*
LANIHAU 68.2		1.58	.05	.25	.23			.08		.30		.06		.07																	.54		
MAKAHALAU 103		2.81	.22		1.60		.08							.06		.85																	
MANUKA 2	A	.20	*	*	.19	*	*	*	.01																						*	*	*	*
MAUNA KEA OBS 111.2		.40										T	*	.22																.01	.08	.09	
MAUNA LOA SLOPE OBS		4.66	2.92	1.04						.06			.12																		.04	.48	
MIDDLE HOLUALOA 68.1	A	.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.60
MIDDLE PEN 147.1	A	1.52	*	*	.60	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.92
MOAULA 18	A	3.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	3.90
MOUNTAIN VIEW 91		14.40	7.31	3.32	.10	.43	.04	.03	.01					.66			.13	.02		.02					.09		.02		.01	.12	2.07	.02
NAALEHU 14	A	11.01	2.05	5.13	.08	.03	.04	T			.01	.14		.01										.11		.23				.03	1.97	1.18
NAPOOPOO 28		2.09	*	*	.62	*	*	*	*	*	*	.21															*	*	*	*	*	*	1.26
NIULII 179	A	.96	*	*	.34	.03	.02	.10	.06	*	*	.30		.01			*	*	.10												*	*	*
OOKALA 223		11.82	.80	3.63	1.04	.03	.08	.63	T	3.80	.41	.36	.05	.28			.15			T											.55	.01
OPIMIHALE 2 24.1		3.08	.55	.23	.04	.09	T								.03	.10	T							T			.13	T	T		1.44	.47	T
ORCHID LAND EST 91.5	A	7.47						*	6.79	*	*	*	*	*	*	.31	*	*	*	*	*	*	.25	*	*	*	*	*	*	.12	*	*	*	*
PAAUHAU 217		4.82	*	*	1.73		.01	.29		*	*	1.92					*	*	.34	.02											*	*	.51
PAAULILO 221		8.41	2.01	.76	.02	.01	.75	T	2.86	.69	.46	.01	.04	.01	T	.38		T	.01											T	.40	T	T
PAHALA 21	A	11.78	3.20	6.00	.37	T		.03	.01			.10		T			T							.21		.14	T				.25	1.29	.18
PAHOA 65		15.91	3.64	1.66	.05	.62	.06	.06			.16	.01		.45	.15		.17	.02						.21				.09	.08	.29	.42	7.69	.08
PAKAO 37	A	20.89	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	20.89
PAPAIKOU 144.1		13.27	3.42	5.40	.10	.15				.45	.24			.16			.28			.01				.03							.79	2.20	.04
PAPAIKOU MAUKA 140.1		16.93	4.15	8.15	.26	.17	.04	.08		.62	.30	.01		.48	.02		.09			.01				.07		.04	.01		.01		.28	2.13	.01
PIIHONUA 89	A	18.60	*	*	*	*	*	*	*	M	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	18.60	*	*	*	*
POHAKULOA 107	A	4.37	*	*	3.75	*	*	*	*	*	*	*	.25	*	*	*	*	*	*	.37					*	*	*	*	*	*	*	*	*
PUAKO 95.1	A	2.24	T	.34	.35		T		.90	T																					T	.65	
PUU KIHE 120	A	6.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.20	*	*	*
PUU LAAU 102.1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU LEHUA 73	A	2.27	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.27
PUU MALI 113	A	6.47	*	*	4.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.40	*	*	*	*
PUU OO 82		5.82	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.82
PUU WAAWAA 94.1	A	2.70	*	*	.91					*	*	.32				T															1.47		
SADDLE ROAD 1 84	A	15.31	*	*	*	*	*	*	14.00	*	*	*	*	*	1.11									*	*	*	*	*	.20		*	*	*
SOUTH POINT CORRAL 3	A	7.32	*	5.74	*	*	*	*	*	*	.28	*	*	*		*	*	*	*	*	*	*	*	*	.03	*	*	*	*	*	*	1.25	*
UMIKOA 118		5.05	*	*	2.90	.02		.02		*	*	1.16		.12			*	*	*	.15				*	*	.04					*	*	.64
UPOLU POINT USCG 159.2		1.61		.09	.22	.06		.16	.17	.13		.18		.03																	.14	.43	
WAIAKEA SCD 88.2		16.22	5.34	7.24	.49	.22			.07					.53		T	.03			T				.05						T	.08	2.14	.03

See reference notes following Station Index.

DAILY PRECIPITATION

Station		Total	Day of Month 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
• • •																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND		.20				T			T										.02		T			.18									
FAGA ALU RESERVOIR		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
JOHNSTON WSO AP	R	4.47	.26	2.74	.02		T	.13		.04	T	.01	.07	T	.06	.06	T	.14							.36	.05	.01		.01	T	.01	.30	
LEONE		16.26	3.01	.60	2.30	1.80	1.15	1.20	.16	.05	1.10	.18	.04	.12	.44	.12	.13	.24	.60	.10	.02	.01	.15		.01	.77	.14	1.05	.05	.10	.10	.15	.17
FRENCH FRIGATE SHOALS		5.57	.75	1.40	.53	.28	.01	.01				.01	.05		.61	.02			.05					.14	1.29						.35	.06	.01
LUMA VILLAGE		20.87	*	5.94	2.79	2.54	1.07	.04	T	*	4.03	.11	.04	T	.52	1.18	.28	.04	.04	.03				T		.05	.84	.38	.09	.26	.28	.28	.04
MIDWAY SAND ISLAND		1.42															.08		.02					T					.32		.39	.16	
PAGO PAGO WSO AP	R	14.90	2.64	1.70	1.61	2.69	.08	.01	.73	.01	1.47	.66		.01	.84	.05	.14	.02	.07	.17			.14		T	.49	.09	.80	T	.06	.02	.29	.11
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
• • •																																	
WESTERN PACIFIC ISL, NORTH OF 12 N																																	
ANDERSEN AFB GUAM		6.95	1.24	.18		.89		.16		.44	.33	.23	.18	.10	.10	.16	.10				.08		.43	.26	.30	.57	.47		.06	.09	T	.06	.52
CLARK AFB LUZON		.31					.06		.12		T												.02	T						.11		T	
GUAM NAS		7.18	.63	.35		.68	.01	.17	T	.24	.58	.01	.04	.12	.14	.35	.17	.05			.33		.19	.73	.12	.68	.50		T	.25		.02	.82
GUAM WSO	R	5.35	.23	.03		.70		.11	.04	.33	.46	.01	.22	.17	.01	.22	.10	.02	.03	.01	.20	T	.19	.30	.46	.94	.12		.02	.13		.01	.29
MANGILAO		6.71	.21	.45	.01	.08	.82	.12	.10	.22	.19	.43	.12		.36	.27	.09	.11	.01	.01	.28	.02		.06	.13	.92	.89	.02	.04	.28	.05	.11	.31
ROTA		15.45	T	.25	.40	T	T	.16	.05	T	T	.50	.35	.95	T	1.00	2.01	.60	.10	1.10	.06	T	2.10	.27	T	T	.08	.50	.16	.35	2.00	1.50	.96
SAIPAN USCG LORAN		2.74	.09				.04	.03	.06	.43	.05	.11	.13	.08	.02	.01			.09	.01		.17	.01	.53			.01	.01		.34	.18	.02	.32
WAKE WSO AP	R	.93	.02			T	.13	.09	.10		.03	.20		T	T	.10	T	.19	.01					T				T			.06	T	
• • •																																	
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		30.01			.11	.16	.57				.13		1.65			1.60	1.45				6.67	1.76	.86	2.77					1.23	.60	8.79	1.66	
ENIWETOK		2.67	.45	.22	.51	.01	.01	.01	.17		.09	.01	.33	.01	.05	.19	.03							.10	.24	.01			.08	.01		.14	
FALALOP I, ULITHI		-		.79			.19	.03		.01	.04		.43	.27	.93	.30		.23		.02	.24	.63	.32			1.79	.07	.27		-	.12	.35	.13
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	9.87		.01	.19	T	.04	T				.01	.24	.01	.96	.12	.65	.07		.13	2.21	.02	.79	.73	1.38	.51	.07	.08			.42	1.18	.05
KWAJALEIN WSO AP	R	5.21	T	.03	.15	.10	.09	.23		.25	.35	.08	.61	.15	.09	T	.12	.31		.02	T	.08	1.74		.42	T	T	T	.01	T	.17	.21	T
LELE I, KUSAIE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAJURO WSO AP	R	7.24			.14	T	.03	T	.05	.52	T	.88	.07	T	.21	.60	.09	.33	1.12	.01	.02	.70	.09	.04	.07	1.22	.11	T	.01		.63	.26	.04
METALANIM		17.15			.19	.16	.32	.80	.06	.03	.73	.28	.14	.73	.72	.17	.33	.85	.04	1.76	1.09	.04	.63		2.07	1.84		1.26	.70	.09	.30	.77	1.05
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG, BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	R	18.16			.12	.10	2.64	.05	.07	.83	1.12	.21	.29	.91	.07	.14	2.15	.40	.22	1.86	.56	.06	1.37	.01	.72	.40	.90	.73	.03	.05	.24	.59	1.32
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I, WSO AP	R	17.60		T		.27	T	T	.03	T	.42	.14	.18	1.57	1.70	.05	.01	.70	.56	.39	.24	.55	.04	1.43	.13	.01	1.35	3.84	.16	.07	.39	.56	2.81
WOLEAI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAP WSO AP	R	7.03	.05		T	.05	.07	.02			T	.10	.44	.90	.87	.18	T		T	.21	.61	.73	.76		.17	.40	.20	T	T	.01	.25	.62	.39

See reference notes following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																															
	MIN																															
* * *	MAX																															
	MIN																															
ISLAND OF KAUAI	MAX																															
	MIN																															
KANALOHULUHULU 1075	MAX	69	65	74	71	67	68	64	59	57	59	64	68	68	64	67	63	61	63	66	66	66	64	65	64	65	68	66	66	65	57	60	64.8
	MIN	55	53	54	54	55	53	52	52	50	49	53	54	54	56	40	38	39	37	38	37	50	53	54	50	49	45	45	42	42	49	51	48.5
KILAUEA POINT 1133	MAX	77	78	80	81	80	79	77	77	77	74	79	77	79	81	80	81	79	79	79	78	79	80	78	75	79	77	80	78	82	76	83	78.7
	MIN	69	69	70	70	69	68	65	67	64	70	70	73	71	69	64	66	65	63	68	68	68	70	66	69	68	70	69	66	65	66	70	67.9
LIHUE WSO 1020.1 AP	MAX	76	78	81	79	79	79	78	77	73	74	78	79	81	81	77	81	77	77	77	77	80	80	78	76	79	80	79	80	81	79	78	78.4
	MIN	71	73	71	72	69	68	67	67	67	64	72	72	72	69	67	62	62	60	61	64	67	65	69	65	70	70	70	67	62	66	64	67.3
MAKAHUENA POINT 940.1	MAX	81	77	79	83	80	81	81	82	82	74	76	80	79	82	82	79	82	81	79	79	79		83	79	79	79	77	80	81	83	83	80.1
	MIN	74	70	71	72	70	70	70	67		64	70	70	72	70	68	64	62	62	62	78	65		66	66	73	71		69	64	66	68	68.4
MANA 1026	MAX	85	84	89	84	84	84	82	79	80	81	80	80	82	84	82	80	81	80	80	79	82	82	83	82	80	84	80	83	82	81	80	81.9
	MIN	69	68	68	68	68	67	65	63	64	65	62	67	66	67	64	59	61	59	59	58	63	61	64	63	63	62	60	60	60	65	62	63.5
NIU RIDGE 1035	MAX	80	79	78	79	80	79	78	79	76	75	78	77	78	79	79	78	76	77	76	76	78	77	78	79	78	78	77	79	80	78	77	77.9
	MIN	63	65	64	65	64	64	63	62	61	60	63	65	65	64	60	58	56	57	56	57	58	57	58	59	61	60	61	60	62	61	60	60.9
WAIAHI LOWER 1054	MAX	75	75	81	80	79	79	80	78	75	74	77	77	78	78	77	80	79	78	77	75	76	78	76	77	75	67	70	67	69	72	73	75.9
	MIN	68	69	62	63	63	62	64	62	60	58	65	64	68	62	57	64	54	51	52	55	57	55	53	55	57	53	55	52	52	55	56	58.8
* * *	MAX																															
	MIN																															
ISLAND OF OAHU	MAX																															
	MIN																															
CHURCH COLLEGE LAIE	MAX	81	82	82	84	84	82	82	81	78	78	81	81	82	82	82	80	80	78	80	81	82	82	81	78	81	81	81	81	82	83	79	81.0
	MIN	70	70	68	74	73	67	67	63	62	62	69	72	74	65	71	61	62	60	61	71	66	62	64	64	68	69	70	66	63	68	66	66.7
EWA PLANTATION 741	MAX			81	85	83	83	83			82	79	83	84	84			83	82	81	80	81			84		83	81	84				
	MIN			66	68	65	64	64			62	64	69	68	63			57	57	57	59	59			62		62	64	62				
HONOLULU WSO 703 AP	MAX	81	78	85	83	83	84	81	82	79	80	82	85	84	83	84	79	80	80	80	82	81	83	80	79	83	82	83	83	80	76	78	81.4
	MIN	72	70	69	74	68	66	67	62	65	64	71	75	71	66	65	59	62	58	59	60	66	64	67	65	64	64	68	66	65	69	68	66.1
HONOLULU SUBSTA 704	MAX	78	74	81	80	76	79	81	78	75	77	80	82	80	80	78	78	78	76	78	78	80	81	78	77	79	78	78	81	78	75	76	78.4
	MIN	71	69	69	73	71	71	70	68	67	64	72	75	73	70	69	67	68	66	65	66	70	69	69	68	70	70	70	68	69	68	67	69.1
KANEOHE MAUKA 781	MAX	79	78	77	82	81	82	81	80	78	75	75	80	79	81	80	78	80	78	78	79	78	80	82	80	75	80	79	78	78	82	74	78.9
	MIN	68	70	71	72	68	69	67	63	64	66	69	70	71	67	68	63	65	61	61	64	68	64	65	67	68	69	70	68	67	68	65	67.0
LUALUALEI 804	MAX	78	82	83	82	83	84	82	79	82	76	80	85	85	83	81	83	84	78	82	83	81	83	83	82	83	83	82	82	82	84	73	81.7
	MIN	68	69	67	74	67	63	69	69	66	65	72	70	69	63	65	64	66	55	58	58	60	60	58	67	67	62	62	62	67	66	64	64.9
MAKAPUU POINT 724	MAX	79	78	74	78	77	76	77	78	74	71	74	77	76	77	77	77	77	75	75	75	75	77	78	79	76	76	75	76	76	75	71	76.0
	MIN	69	69	69	68	70	69	71	62	64	68	66	71	68	69	68	64	65	68	67	65	70	64	65	69	69	69	68	65	68	65	61	67.2
OPAEULA 870	MAX	82	84	82	84	82	82	82	82	82	82	79	80	80	80	81	80	82	80	79	79	80	84	86	79	77	77	77	82	82	84	75	80.9
	MIN	69	67	63	65	63	67	65	66	65	61	62	62	63	60	63	64	59	59	59	62	63	65	67	69	64	63	63	65	66	66	69	64.0
PRI WAHIAWA 820.2	MAX			80	83	81	82	82			83	78	82	82	83			83	78	78	81	76	83	82	70		78	78	78	82	78	70	79.6
	MIN			62	65	64	61	61	58	61	58	63	64	67	61	59	56	56	56	55	56	58	58	61	60		59	63	60	60	64	64	60.4
WAIALEE 896.3	MAX	81	81	81	83	82	80	81	81	77	75	78	81	80	81	79	77	78		77	77	79	78	81	79	74	80	79	80	79	82	75	79.2
	MIN	68	70	70	70	70	68	68	68	67	62	63	62	72	65	66	66	64		63	67	66	62	65	65	68	69	68	66	66	65	66	66.5
WAIALUA 847	MAX	82	81	81	85	83	83	84	84	78	75	78	83	84	86	82	79	80	77	78	78	83	85	81	80	74	83	82	81	83	82	76	81.0
	MIN	66	71	71	66	63	61	62	62	61	65	64	65	65	62	63	66	57	57	57	58	60	58	61	64	59	60	62	60	60	61	66	62.4
WAIKIKI 717.2	MAX	82	81	78	86	83	83	83		80		79	83	83	83	83	82	81	81	81	81	82	83	84	82	82	83	82	82		82	76	81.8
	MIN	70	72	68	73	68	64	63	61	62	61	68	71	71	64	65	57	60	57	57	60	65	63	65	63	63	64	66		66	66	68	64.7
WAIMANALO EXP FARM	MAX	80	78	76	81	81	81	80	79	78	75	76	80	80	79	82	80	79	79	79	79	79	82	79	77	76	76	78	80	80	79	75	78.8
	MIN	71	70	69	72	71	69	68	63	64	62	65	70	69	68	68	66	65	60	61	67	67	66	66	63	66	67	69	69	65	67	65	66.7
* * *	MAX																															
	MIN																															
ISLAND OF MOLOKAI	MAX																															
	MIN																															
MOLOKAI AP 524	MAX																															
	MIN	68	69	67	70	70	67	66	62	62	62	64	62	70	63	65	61	62	59	57	62	60	61	63	65	64	65	67	62	65	67	64	64.2
* * *	MAX																															
	MIN																															
ISLAND OF LANAI	MAX																															
	MIN																															
LANAI CITY 672	MAX	68	64	71	78		74	77	72	68	76	75	75	75	77	73	77	77	76	71	77	76	80	80	80	74	74	72	77	71	70	73	74.3
	MIN	64	62	58	61		64	61	58	58	55	58	62	61	62	62	59	59	59	58	60	59	61	61	59	59	59	60	59	61	62	59	60.0
* * *	MAX																															
	MIN																															
ISLAND OF MAUI	MAX																															
	MIN																															
HALEAKALA RS 338	MAX	60	59	57	64	68	62	62	60	52	44	53	60	67	66	61	62	66	62	62	66	65	67	63	60	64	65	60	64	59	63	58	61.3
	MIN	49	50	49	53	50	46	43	40	36	35	39	47	52	44	44	46	44	44	38	45	53	42	38	40	43	45	48	39	43	46	47	44.5
HALEAKALA SUMMIT 338.4	MAX			47	51	53	47	48			40	42	48	51	53			53	47	56	55	50											
	MIN			40	43	39	40	37			27	31	38	33	38			36	39	41	40	40											
HANA AIRPORT 355	MAX																															
	MIN																															
KAANAPALI AIRPORT	MAX	81	81	73	84	81	80	80	80	78	75	79	82	82	81	79	77	77	78	77	77	80	79	79	80		80	80	81	80	80	78	79.3
	MIN	70	69	68	68	65	66	65	64	66	62	66	72	67	64	68	60		63	59	62	62	65	63	65		65	66	66	68	70	66	65.5
KAHULUI WSO 398 AP	MAX	82	75	85	83	82	83	84	80	76	78	82	85	84	80	78	79	79	79	78	81	81	81	84	81	81	82	84	83	81	82	81	81.1
	MIN	72	72	69	65	65	68	64	68	65	61	65	73	64	62	66	58	60	59	56	59	59	64	61	62	59	65	63	62	68	71	70	64.4
KAILUA 446	MAX			78	77	75	76	76			76	73	76	75	75			75	75	75	75	75			80		76	75	75			78	
	MIN			67	68	66	65	64			57	58	65	69	60			58	60	59	60	65			61		63	65	65			64	

See Reference Notes Following Station Index

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																															
	MIN																															
KEAHAKAPU BEACH 250.7	MAX	86	82	74	86	87	83	82	86	81	78	81	82	86	86	85	81	81	83	81	83	84	81	86	87	83	86	86	82	86	82	81	83.2
	MIN	70	70	66	65	63	62	63	63	61	58	66	68	65	61	65	56	59	56	57	58	61	63	62	62	60	60	59	62	67	69	69	62.8
KULA SANATORIUM 267	MAX	73	75	65	75	71	72	72	73	65	66	68	70	73	71	71	72	70	69	68	70	71	72	72	75	75	74	70	71	72	72	69	71.0
	MIN	62	63	61	57	56	55	55	56	53	52	53	59	60	61	53	51	52	50	51	52	51	52	56	57	55	54	55	56	57	60	61	55.7
LAHAINA 361	MAX	8.	69	87	85	84	84	84	82	80	81	86	87	86	82	81	80	83	82	83	83	84	85	85	85	85	85	85	85	84	82	83	83.2
	MIN	68	67	67	67	65	66	66	64	61	59	64	68	67	66	64	59	62	60	60	60	63	64	64	66	64	64	66	66	67	68	67	64.5
WAILUKU 386	MAX			86	82	79	78	78			82	77	78	80	79			78	78	77	77	77			80							
	MIN			68	71	69	67	68			59	62	69	69	65			62	63	62	63	62			62							
* * *	MAX																															
	MIN																															
ISLAND OF HAWAII	MAX																															
	MIN																															
HAINA 214	MAX	78	76	78	84	79	79	77	81	74	74	75	81	80	76	79	78	78	80	75	78	78	79	80	82	80	81	78	78	78	77	80	78.4
	MIN	69	67	65	67	63	63	62	62	62	59	61	71	68	62	62	61	62	64	58	61	59	63	61	64	63	63	64	63	64	65	65	63.3
HAWAII VOLCNS NP HQ 54	MAX	68	63	66	70	65	70	68	71	67	61	66	70	69	69	72	68	71	71	69	70	67	72	68	71	70	70	68	68	70	63		68.4
	MIN	57	59	55	55	47	50	43	50	45	46	51	55	53	59	51	46	46	45	46	48	46	55	54	51	51	49	51	51	55	56		50.9
HILO WSO 87 AP	MAX	78	84	83	82	82	81	84	85	77	79	88	85	83	81	81	81	81	81	81	82	85	87	83	84	83	82	85	84	79	82	86	82.5
	MIN	70	72	68	68	62	63	63	65	65	60	68	67	66	63	61	60	62	61	61	63	63	68	68	65	67	65	63	65	69	66	67	65.0
KAINALIU 73.2	MAX	77	75	73	79	73	75	76	76	78	76	74	80	79	77	75	78	73	75	76	77	77	78	79	80	77	78	77	78	77	77	77	76.7
	MIN	65	64	63	63	61	58	60	60	58	58	61	62	63	61	58	57	55	57	56	56	58	58	60	60	58	58	59	60	62	62	63	59.8
KAMUELA 192.2	MAX	76	73	74	73	75	68	65	70	64	68	70	75	73	72	75	73	74	73	73	76	68	73	76	68	77	75	73	72	72	74	76	72.4
	MIN	57	55	56	52	54	52	50	53	50	50	54	57	55	52	57	53	50	50	48	51	50	52	49	52	57	55	57	47	50	57	55	52.8
KEAAU 92	MAX	79	76	80	79	79	80	79	81	80	74	76	84	80	81	80	78	78	79	79	78	79	82	82	82	79	81	79	80	81	75	83	79.5
	MIN	67	69	66	66	62	62	62	62	62	58	60	64	66	64	63	60	60	63	61	61	62	65	65	65	60	64	62	62	64	65	65	63.1
KEALAKEKUA 26.2	MAX												83							82									81				
	MIN												58							55									53				
KOHALA MISSION 175.1	MAX	80	78	75	79	77	78	76	79	73	73	74	80	79	78	79	75	76	77	71	77	74	78	81	82	78	78	77	79	78	77	80	77.3
	MIN	68	68	65	63	66	64	64	64	60	58	58	68	70	63	63	61	62	62	60	60	65	65	65	65	64	66	66	62	64	64	68	63.9
KONA (KAILUA) 66.3	MAX			82				85			83	77	82	84	82			85	82	82	83				85		82	83	82			83	
	MIN			70				66			62	65	71	72	69			64	67	64	65				67		68	68	66			68	
KULANI CAMP 79	MAX	67	60	64	67	64	64	64	67	60	65	61	67	66	65	67	67	69	67	68	62	69	60	69	67	68	66	63	63	66	59	62	64.9
	MIN	55	56	47	47	38	40	39	43	36	41	45	48	46	45	45	46	39	40	39	40	41	45	40	41	40	42	43	43	45	51	50	43.7
MAUNA LOA SLOPE OBS	MAX	44	48	50	53	46	46	45	32	38	38	44	50	49	46	49	51	50	49	52	54	54	52	50	48	49	45	50	47	48	43	46	47.3
	MIN	38	39	38	38	34	31	28	24	25	24	32	37	35	32	31	33	31	32	34	37	40	39	35	35	32	34	34	34	37	36	34	33.6
MOUNTAIN VIEW 91	MAX	75	75	75	74	75	77	76	78	78	78	70	81	77	78	78	78	78	76	75	75	74	80	80	80	80	80	79	78	84	84	74	77.7
	MIN	62	62	62	62	57	56	56	53	53	53	56	62	62	58	54	54	54	56	55	56	56	59	59	59	58	58	60	57	60	60	60	57.7
NAALEHU 14	MAX	78		75	77	75	78	78			79	74	79	80	79			80	79	79	77	78			79							
	MIN	67		69	66	63	62	64			60	61	70	69	64			60	62	59	61	62			65							
OOKALA 223	MAX	79	71	75	79	78	78	78	80	73	73	75	82	79	79	73	76	77	78	77	78	77	80	81	82	79	79	79	78	79	75	79	77.6
	MIN	67	66	69	68	66	64	64	62	62	61	62	63	71	64	56	61	64	63	61	66	66	64	65	65	66	65	65	65	66	66	68	64.5
OPIHIHALE 2 24..	MAX	75	75	79	74	74	78	79	76	75	72	76	78	78	73	77	75	74	76	76	75	75	77	77	76	75	73	75	76	75	77	80	75.8
	MIN	65	63	63	61	58	59	58	53	55	58	60	61	60	57	56	59	55	52	54	55	54	56	59	59	57	57	57	58	61	61	60	58.1
PAHALA 21	MAX			78	78	76	79	78			81	77	81	82	79			79	79	80	79	79			82		80	81	79			78	
	MIN			65	62	60	59	59			58	58	63	63	61			57	58	57	59	57			60		58	59	60			62	
PUAKO 95.1	MAX	81	80	77	82	81	81	81	75	78	76	82	84	81	81	83	80	82	80	80	81	81	81	85	80	82	81	80	82	80	82	83	80.7
	MIN	69	68	66	67	63	64	61	61	60	64	66	67	64	63	60	59	61	60	62	63	63	65	64	66	62	62	63	68	67	63	65	63.7
UPOLU POINT USCG 159.2	MAX	82	82	77	82	80	80	80	79	77	76	76	82	81	82	79	80	82	82	82	80	79	82	83	83	80	80	79	79	80	84	81	80.4
	MIN	73	69	69	70	67	66	67	64	63	62	62	69	69	66	68	65	66	66	66	61	64	68	68	67	68	67	64	68	68	69	69	66.7
	MAX																															
	MIN																														

DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
EAST OF 180TH MERIDIAN	MAX																																
	MIN																																
CANTON ISLAND	MAX	89	87	88	88	87	87	91	84	85	86	84	85	89	90	89	89	88	90	90	90	89	86	88	89	89	90	89	90	88	85	89	88.0
	MIN	78	76	75	75	75	75	75	75	74	76	75	75	77	76	74	72	75	76	69	76	76	72	76	76	73	76	75	75	74	77	76	75.0
JOHNSTON WSO AP	MAX	82	77	80	82	82	82	81	80	81	81	79	81	82	81	81	79	79	80	80	81	82	80	78	80	81	80	80	82	82	79	81	80.5
	MIN	74	69	73	77	77	75	77	71	76	73	70	74	74	73	76	73	75	76	75	76	76	75	69	71	74	77	76	75	72	69	70	73.8
LEONE	MAX	89	81	85	80	82	89	90	87	92	93	90	91	88	91	90	89	91	93	90	91	92	91	91	92	90	89	91	95	91	91	91	89.5
	MIN																																
FRENCH FRIGATE SHOALS	MAX	82	78	78	80	84	80	81	80	81	76	79	80	80	83	79	79	79	79	80	83	77	79		79	76	79	80	86	86	73	77	79.8
	MIN	70	67	71	71	70	67	70	67	67	69	71	71	71	68	65	64	64	65	65	67	69	63		63	60	65	67	68	65	62	62	66.8
MIDWAY SAND ISLAND	MAX	74	75	75	75	75	75	75	73	77	80	76	77	76	77	78	73	77	79	77	78	69	67	70	77	78	78	73	67	69	70	67	74.4
	MIN	66	66	66	67	64	64	67	65	65	69	64	64	65	66	66	65	69	72	68	63	62	60	56	69	71	72	61	60	60	58	60	64.8
PAGO PAGO WSO AP	MAX	83	82	83	78	82	87	85	85	88	85	88	87	86	85	86	86	85	85	87	86	86	86	87	87	86	83	85	86	86	86	87	85.3
	MIN	74	74	74	73	76	75	76	75	76	76	75	74	76	76	78	79	74	73	75	73	71	72	78	74	74	73	73	73	75	75	74	74.6
SWAINS ISLAND	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
WESTERN PACIFIC ISL, NORTH OF 12 N	MAX																																
	MIN																																
ANDERSEN AFB GUAM	MAX	84	85	87	85	85	85	85	84	85	85	82	86	84	85	82	85	85	84	82	85	82	84	82	82	83	83	83	84	84	84	83	84.0
	MIN	76	75	78	76	78	77	78	77	76	77	75	79	76	77	77	78	77	78	77	78	77	78	78	78	76	76	76	76	78	78	76	77.0
CLARK AFB LUZON	MAX	88	88	88	86	81	88	88	86	86	86	84	90	90	90	90	84	82	88	86	84	84	84	84	84	82	82	86	77	88	90	84	85.7
	MIN	73	73	72	72	73	73	73	72	73	73	73	73	75	73	73	72	70	70	70	70	73	73	72	68	66	64	66	72	72	72	72	71.5
GUAM NAS	MAX	84	85	87	86	87	86	85	85	86	85	83	85	85	85	84	85	86	85	82	85	85	85	82	84	84	84	86	85	84	85	84	84.8
	MIN	76	76	76	78	78	75	77	76	76	78	76	79	77	77	73	78	77	79	77	78	79	76	77	78	77	76	77	76	78	78	78	77.0
GUAM WSO	MAX	85	85	86	84	86	85	85	85	85	86	82	87	85	84	83	85	85	85	82	85	84	84	82	83	84	83	83	87	85	84	84	84.5
	MIN	75	74	71	73	74	74	74	74	73	73	73	75	74	75	69	72	68	74	72	76	74	75	73	74	72	68	74	73	75	77	77	73.4
SAIPAN USCG LORAN	MAX	87	88	87	88	87	88	87	87	87	87	88	87	88	87	87	86	87	88	87	86	88	86	86	86	86	86	87	87	87	86	87	87.0
	MIN	78	75	74	77	76	76	75	74	75	74	77	75	76	73	77	79	72	76	77	75	80	78	78	79	77	69	74	75	76	76	76	75.8
WAKE WSO AP	MAX	82	84	87	84	84	82	85	85	86	83	84	85	84	84	85	85	86	84	84	85	82	81	83	83	85	85	86	85	84	84	83	84.2
	MIN	70	74	73	75	72	71	74	76	74	73	76	74	73	71	74	72	75	75	75	72	71	70	74	73	72	72	74	73	71	74	73	73.1
* * *	MAX																																
	MIN																																
CAROLINE AND MARSHALL ISLANDS	MAX																																
	MIN																																
ENIWETOK	MAX	88	86	86	87	86	92	86	86	87	86	87	86	86	86	86	87	87	86	86	86	86	87	86	86	86	86	87		87		85	86.2
	MIN	76	65	77	69	72	72	75	64	77	72	76	71	76	70	75	70	78	71	76	71	76	71	78	71	73	71	77	72	79	72	77	73.2
FALALOP I, ULITHI	MAX		86	86	87	85	86	86	86	85	87	87	86	87	87	87	85	88	87	86	87	86	85	86	86	83	86	86		85	87	85	86.1
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	88	92	90	91	91	91	91	91	92	91	91	91	89	90	90	88	91	91	85	85	84	86	85	87	87	88	89	89	91	87	88	89.0
	MIN	77	76	76	77	75	77	76	75	75	75	76	75	74	75	77	76	76	75	74	74	75	75	74	76	76	77	78	76	76	74	76	75.6
KWAJALEIN WSO AP	MAX	87	87	88	85	86	86	87	87	87	85	86	86	87	86	87	86	87	86	86	87	82	86	86	86	86	86	86	86	86	86	86	86.2
	MIN	78	79	76	78	77	76	80	77	77	78	76	76	76	74	77	76	80	79	79	75	74	79	75	78	79	80	79	79	77	78	79	77.5
LELE I. KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	85	85	85	86	84	86	87	86	86	83	84	85	85	84	85	85	85	86	85	82	85	85	84	82	85	85	85	85	84	84	85	84.8
	MIN	79	79	77	77	77	79	77	79	79	75	78	79	74	75	76	77	72	80	80	76	77	79	78	74	79	79	78	78	76	77	78	77.4
METALANIM	MAX	87	88	89	89	87	85	86	88	84	82	87	89	87	87	87	86	86	88	84	86	88	89	88	88	87	86	87	88	88	87	88	87.0
	MIN	79	76	73	76	76	77	79	83	75	75	81	76	83	83	79	73	76	75	75	83	79	70	72	75	75	76	76	80	80	80	78	77.2
PONAPE WSO	MAX	90	90	90	88	84	87	89	85	82	88	90	83	89	89	85	86	90	82	86	89	84	88	89	89	84	89	89	88	88	88	80	87.0
	MIN	76	74	74	77	74	74	75	75	74	75	77	74	79	75	73	75	76	74	76	78	73	77	76	76	76	75	75	74	75	75	75	75.2
TRUK, MOEN I, WSO AP	MAX	89	88	88	87	88	88	88	88	68	89	68	85	86	88	87	83	84	87	87	85	87	85	85	87	87	81	86	88	87	86	87	86.7
	MIN	78	78	80	79	80	80	78	79	76	76	78	75	75	78	79	77	76	75	76	77	78	74	76	79	74	74	74	79	77	76	74	76.9
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	87	88	88	88	87	87	88	88	87	88	86	87	86	84	87	87	86	88	82	86	88	86	87	85	87	87	87	87	87	87	85	86.7
	MIN	73	74	74	77	76	75	74	74	74	74	74	76	75	73	74	70	65	75	76	75	76	74	74	75	75	79	76	75	73	73	74	74.3
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																
	MAX																																
	MIN																																

See Reference Notes Following Station Index

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	24	E	21	-	79	78	90	1	9	15	2	0	0	27	41	-
HILO, HAWAII, WSO AP	19	1.4	7.6	30	NW	08	81	76	62	79	7	5	5	0	0	3	20	53	5.8
HONOLULU, OAHU, WSO AP	6	4.6	9.1	28	NE	09	84	82	61	74	7	4	2	3	1	0	17	50	5.6
JOHNSTON ISLAND WSO AP	8	14.1	17.0	35	NE	10	77	78	71	75	5	10	4	1	0	1	21	72	5.0
KAHULUI, MAUI, WSO AP	6	4.9	10.6	31	NE	09	78	77	58	73	1	3	4	1	1	0	10	67	4.6
KOROR WSO AP	-	-	-	23	SE	19	88	-	80	76	2	9	5	5	2	1	24	39	8.5
KWAJALEIN WSO AP	7	15.7	16.3	26++	7	09	80	82	74	78	8	7	11	1	1	0	28	-	6.4
LIHUE, KAUAI, WSO AP	3	3.0	10.4	33	NE	10	86	87	72	83	5	7	8	0	1	1	22	45	6.1
MAJURO WSO AP	-	-	-	38	E	18	78	79	74	76	5	11	5	5	2	0	28	70	7.3
PAGO PAGO WSO AP	5	4.9	8.0	34	NW	03	88	87	76	82	2	10	6	4	3	2	27	49	7.5
PONAPE WSO AP	-	-	-	35	NE	31	85	-	78	78	0	7	9	7	4	2	29	30	8.5
TRUK,MOEN I, WSO AP	-	-	-	25	SE	22	82	-	77	79	4	6	9	4	4	2	29	51	9.4
WAKE WSO AP	7	15.2	15.9	29	ENE	14+	80	82	66	75	7	5	5	0	0	0	17	-	4.3
YAP WSO AP	-	-	-	25	E	21	87	-	78	76	6	5	9	6	0	0	26	52	7.0

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																												Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	-	-	.03	.13	.13	.16	.14	.08	.22	.29	.22	.09	.14	.12	.16	.17	.25	.19	.14	.15	.19	.13	.09	.11	.08	.11	.12	.13	.13	-	.26	4.618
	WIND	85	162	53	74	67	46	51	38	86	172	278	98	139	63	74	61	60	70	70	54	54	41	83	50	74	68	93	64	46	74	17	2465
	MAX	75	70	79	83	81	83	84	81	77	73	73	78	78	80	82	80	82	78	78	79	79	83	79	77	76	78	83	83	81	83	81	79.3
	MIN	66	68	68	69	67	66	66	66	60	60	61	66	68	65	63	62	58	55	55	56	61	62	62	62	62	64	65	64	64	59	59	62.9
* * *																																	
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.12	.17	.04	.15	-	.16	.13	.19	.21	.19	.20	.08	.19	.15	.09	.15	.19	.17	.20	.10	.07	.15	.15	.06	.05	.11	.15	.22	.14	.14	.13	4.398
	WIND	43	60	19	6	34	17	23	35	48	65	37	13	31	16	23	20	36	28	22	18	25	20	33	21	16	17	17	22	22	35	23	845
	MAX	83	83	80	89	83	84	85	87	82	78	83	83	89	84	84	85	82	84	82	85	83	86	85	81	78	83	85	88	85	81	77	83.5
	MIN	67	63	70	70	65	64	65	63	64	61	60	67	68	66	63	60	62	59	59	60	61	64	63	66	63	63	64	64	65	64	68	63.9

See Reference Notes Following Station Index

EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.27	-	.19	.22	.31	.27	.27	.29	.42	.42	.31	.24	.25	.33	.26	.29	.37	.40	.41	.19	.27	.25	.33	.25	.25	.33	.26	.27	.26	.29	.28	9.048
	WIND	109	197	258	216	256	252	224	258	320	311	238	228	208	247	223	262	242	258	259	177	164	147	228	283	244	229	187	177	100	148	76	6726
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																																	
GUAM WSO	EVAP	.22	.00	.18	.14	.23	.26	.23	.09	.19	.21	.07	.14	.20	.23	.10	.24	.16	.19	.14	.23	.16	.22	.10	.21	.12	.11	.16	.22	.19	.19	.16	5.29
	WIND	85	79	65	114	105	133	110	97	122	110	103	98	118	151	104	157	50	111	189	142	198	195	118	144	141	38	90	159	*	304	185	3815
	MAX	87	89	92	86	89	89	88	88	90	89	85	89	89	87	82	90	89	90	83	87	85	86	82	85	87	85	88	88	92	86	88	87.4
	MIN	75	74	73	75	73	73	72	74	73	73	73	74	74	74	70	73	71	73	74	73	73	74	72	75	74	69	73	73	72	74	74	73.1

See Reference Notes Following Station Index

PRECIPITATION MEASURED IN STORAGE GAGES

Station	Obser-vation date	Amount since last obs.	Snow on ground
ISLAND OF KAUAI			
	1973		
HANAPEPE TUNNEL 1053	JAN 31	5.20	
	FEB 28	14.60	
	MAR 31	20.20	
	APR 30	11.00	
	MAY 31	12.60	
	JUN 30	3.20	
	JUL 31	9.00	
	AUG 31	3.00	
	SEP 30	8.00	
	OCT 31	15.40	
	NOV 30	26.60	
	DEC 31	12.40	
TOTAL		144.20	
	1973		
N WAILUA RIVER 1055	JAN 31	4.60	
	FEB 28	4.80	
	MAR 31	12.60	
	APR 30	5.40	
	MAY 31	12.40	
	JUN 30	7.00	
	JUL 31	4.60	
	AUG 31	3.80	
	SEP 30	5.00	
	OCT 31	9.60	
	NOV 30	29.20	
	DEC 31	3.40	
TOTAL		104.40	

Station	Obser-vation date	Amount since last obs.	Snow on ground
ISLAND OF MAUI			
	1973		
HAELAAU 477	FEB 3	12.00	
	MAR 4	10.00	
	APR 1	18.00	
	APR 30	5.00	
	JUN 4	9.00	
	JUL 1	4.00	
	AUG 1	5.00	
	SEP 1	1.50	
	SEP 30	4.00	
	NOV 4	4.50	
	DEC 1	16.00	
	1974		
	JAN 2	10.00	
TOTAL		99.00	
	1973		
HONOLUA FLD 49 494	JAN 31	3.54	
	FEB 28	1.82	
	MAR 31	4.85	
	APR 30	3.36	
	MAY 31	3.00	
	JUN 30	1.38	
	JUL 31	2.02	
	AUG 31	1.17	
	OCT 1	1.97	
	OCT 31	2.45	
	NOV 30	4.50	
	DEC 31	5.00	
TOTAL		37.04	

Station	Obser-vation date	Amount since last obs	Snow on ground
ISLAND OF MAUI (CONTINUED)			
	1973		
HOKUI 380	FEB 3	22.00	
	MAR 4	20.00	
	APR 1	88.00	
	APR 30	20.00	
	JUN 4	28.00	
	JUL 1	17.20	
	AUG 1	18.00	
	SEP 1	7.00	
	SEP 30	18.00	
	NOV 4	18.00	
	DEC 1	56.00	
	1974		
	JAN 2	10.00	
TOTAL		302.20	
	1973		
MOKUPEA 475	JAN 31	7.40	
	FEB 28	6.80	
	MAR 31	11.70	
	APR 30	4.85	
	MAY 31	8.65	
	JUN 30	3.13	
	JUL 31	4.32	
	AUG 31	4.15	
	OCT 1	3.42	
	OCT 31	4.56	
	NOV 30	8.20	
	DEC 31	8.50	
TOTAL		74.45	
	1973		
PALAPAI 354	APR 3	41.00	
	MAY 1	56.00	
	SEP 3	12.00	
	1974		
	JAN 3	37.00	
TOTAL		146.00	
	1973		
WAILUA IKI 348	APR 3	78.00	
	MAY 1	-----	
	SEP 30	-----	
	1974		
	JAN 3	53.00	
TOTAL		-----	

See reference notes following Station Index.

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature												Precipitation									
										No. of Days							Snow, Sleet			No. of Days		
										Max.		Min.										
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
HAWAII																							
* * * SEPTEMBER 1973																							
OMIKOA 118														.94	- 1.22	.30	14	.0	0		3	0	0

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
PACIFIC																							
* * *																							
APRIL 1973																							
FALALOP I, ULITHI														3.06		.85	17	.0	0		8	2	0
KAPINGAMARANGI ATOLL	90.0	78.0	84.0		93	5+	74	22		24	0	0	0	4.31		1.61	29	.0	0		14	2	1
LELE I. KUSAIE	86.4M	74.1M	80.3M		90	8+	69	13		2	0	0	0	18.04		3.02	20	.0	0		20	11	7
METALANIM	87.3	74.9M	81.1M		92	20	69	28+		2	0	0	0	22.03		3.16	14	.0	0		17	12	11
* * *																							
MAY 1973																							
KAPINGAMARANGI ATOLL	90.0	77.0	83.5		93	21	72	21+		21	0	0	0	1.66		.44	30	.0	0		6	0	0
LELE I. KUSAIE	87.0M	75.3M	81.2M		90	29+	72	21+		4	0	0	0	19.46		3.77	2	.0	0		24	13	6
SATAWAN ATOLL														10.71		1.70	19	.0	0		18	8	3
SAIPAN USCG LORAN	89.1M	76.1M	82.6M				71	4			0	0	0			1.09	11	.0	0				
* * *																							
JUNE 1973																							
KAPINGAMARANGI ATOLL	89.6	77.4	83.5		92	2+	73	28		16	0	0	0	5.94		1.12	28	.0	0		14	3	3
* * *																							
JULY 1973																							
ENIWETOK	87.8	74.4	81.1	- 1.7	90	29+	68	5		2	0	0	0	8.26	1.81	1.83	20	.0	0		13	5	3
KAPINGAMARANGI ATOLL	89.5	76.5	83.0		92	8	71	10		19	0	0	0	2.76		.68	4	.0	0		9	1	0
* * *																							
SEPTEMBER 1973																							
WOLEAI ATOLL		74.2M	M				71	18			0	0	0	15.80		3.00	30	.0	0		20	11	4

See Reference Notes Following Station Index

DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
• • •																																
JUNE 1973																																
KEAAKAKAP BEACH 262.2	.00																															
• • •																																
SEPTEMBER 1973																																
UMIKOA 118	.94		•	•	.06	.01	•	.06	.03					.02	.30	.01	•	.07			.02	.13	•	•	.03						.20	
• • •																																
OCTOBER 1973																																
MOUNT WAIALEALE 5,147 R	36.32	.75	.55	.20	.04	.12	.20	2.99	.87	.08	.87	1.57	.67	1.34	1.34	3.19	.59	1.89	3.35	3.31	1.18	.39	1.18	.51	1.10	.47	.20	.63	1.10	5.24	.12	.28

See reference notes following Station Index

LATE REPORTS
DAILY PRECIPITATION

Station	Total	Day of Month																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * *																																
APRIL 1973																																
FALALOP I. ULITHI	3.06			.10	.07		.04	.02		.35	.11		T	T	T	T		.85	.05	.38		T	.16			.12	.04		.76	.01		.
KAPINGAMARANGI ATOLL	4.31	.07	.16								.07		.13	.02			.04	.22		.13	.10		.35	.54	.18	.27	.20			1.61	.22	.
LELE I. KUSAIE	18.04		.03		T	.10	.44		2.48	.08	.60	.06	.16	1.41	1.89	.18		1.96	.17	.71	3.02	.01	1.33		.37	.76	.10	.14	1.14	.22	.68	.
METALANIM	22.03		.01	.05			.09	2.27	.35	2.53	2.17		1.34	2.10	3.16	.08	.18	1.10	.59	.14	.01	.13		.05		.34		1.18	1.40	1.67	1.09	.
* * *																																
MAY 1973																																
KAPINGAMARANGI ATOLL	1.66	.02	.06			.11		.56	.05		.52	1.05	2.28	2.31	.14	.34	.89	.25	.56	.58	.08	.58	.17	1.39	.05	.02	.05	.27	.05	.01	.44	.15	.
LELE I. KUSAIE	19.46	.36	3.77	.11	.19	.64		.04	.03	.03	.04	.38		.04	.18	2.12	.03	.83	.26	1.70	.03	.24	.01	.03	.24	1.02	.82	1.00	.62	.60	.02	.
SATAWAN ATOLL	10.71	.43	.36	.19	.03	.36	.20		.01	.08		1.09	.21		.93	.20		.16	.02				.09		.07		.09	.16	-	.21		-	.
SAIPAN USCG LORAN	-	.12				.15	.03																									
* * *																																
JUNE 1973																																
KAPINGAMARANGI ATOLL	5.94		.19	.05	.21	.08			.22	.30			.16	.24				.06	.05			.01	.45	.09	1.02	1.00	.38	.02	1.12	.29		.
* * *																																
JULY 1973																																
ENIWETOK	8.26			1.45	.01	.31			.28	.09	.13	.01	.12	.39					.31	.03	1.83	.61	1.07	.26	.07	.28	.03			.04	.90	.04	.
KAPINGAMARANGI ATOLL	2.76	.14	.06	.13	.68	.35					.24	.07		.07	.04			.04		.27	.40		.17				.10					.
* * *																																
SEPTEMBER 1973																																
WOLEAI ATOLL	15.80	.35	.31		.04	.25	.89	.56	.80	T	.19	1.21	.02	1.76	.76	.05	.23	.25	.27	.59	.26	.55	.02		T	2.09	.04	.45	.04	.82	3.00		.

See reference notes following Station Index.

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																														
	MIN																														
* * *	MAX																														
	MIN																														
JUNE 1973	MAX																														
	MIN																														
KEAWAKAPU BEACH 260.2	MAX	89	91	90	88	88		89	87	87	87	88	85	89	88	90	90	84	84	86	86	85	87	85	85	86	87	84	86	89	90		87.2
	MIN	63	64	62	66	66		65	64	65	63	63	65	66	66	64	64	67	67	63	66	62	63	62	68	73	70	67	68	66	64		65.4
	MAX																														
	MIN																													

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
APRIL 1973	MAX																																
	MIN																																
FALALOP I, ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	90	90	90	93	93	92	90	92	90	90	91	90	91	91	90	91	91	91	90	90	91	84	86	87	89	91	90	90	87	88		90.0
	MIN	79	78	79	79	79	78	78	79	79	79	79	79	78	79	78	76	80	80	77	78	79	74	76	76	77	77	78	79	76	76		78.0
LELE I. KUSAIE	MAX	88	89	87	90	89	87	89	90	84	86	87	88	83	78	87	89	89	89	89	86	86	86	86	85	87		85	80	82	85		86.4
	MIN	74	78	73	79	76	76	79	74	70	71	73	74	69		73	78	76	75	71	76	75	72	72	71	72		71			78		74.1
METALANIM	MAX	88	90	89	88	89	89	83	88	87	84	88	88	84	86	87	89	84	89	88	92	86	85	87	89	88	87	85	87	87	87		87.3
	MIN	81	77	77	72		73	69	74		73	76	73	71	72	73	75	79	72	75	78	80	80	80	78	73	74	74	69	72	76		74.9
* * *	MAX																																
	MIN																																
MAY 1973	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	89	92	90	91	91	90	91	90	90	89	88	88	90	91	90	88	91	92	90	90	93	89	88	90	88	88	89	90	91	92	91	90.0
	MIN	78	72	79	78	77	78	78	77	76	76	75	79	79	76	77	79	79	79	78	77	72	76	77	77	76	77	75	77	79	77	76	77.0
LELE I. KUSAIE	MAX	82	85	89	89	87	89		83	85	83	88	77	86	90	90	89	90	88	89	87	84	88	85	87	87	88	88	88	90	89	89	87.0
	MIN	74	75	74	78	75	77		74	74		74	74	72	78	77	76	77	76	75	73	72	77		74	75	73	79	75	74	77	79	75.3
SAIPAN USCG LORAN	MAX	90	88	87	89	88	89	89	88	90	87	90	87	88	89	88	89	89	88	89	90	91	91	90	91	89	90	90		90	90		89.1
	MIN	75	76	79	71	76	75	80	77	77	78	76	79	77	77	78	75	75	77	73	72	73	72	80	78	77	79	75		79	72		76.1
* * *	MAX																																
	MIN																																
JUNE 1973	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	92	92	91	89	88	90	91	90	91	91	90	90	91	90	90	88	89	89	89	88	90	91	89	88	89	91	89	88	85	89		89.6
	MIN	79	79	77	77	79	79	78	77	79	79	78	78	79	78	78	75	77	76	78	78	79	77	78	76	74	76	78	73	76	78		77.4
* * *	MAX																																
	MIN																																
JULY 1973	MAX																																
	MIN																																
ENIWETOK	MAX	88	87	88	87	89	87	88	87	88	87	87	86	86	88	87	89	89	89	89	90	89	89	84	86	88	89	88	88	90	88	87	87.8
	MIN	76	73	73	74	68	77	77	77	76	73	73	76	75	76	74	75	71	78	76	76	76	71	77	75	76	71	77	73	72	72	73	74.4
KAPINGAMARANGI ATOLL	MAX	90	90	88	88	90	89	90	92	90	91	88	89	87	88	88	87	90	90	90	90	89	87	90	90	89	91	90	91	90	91	91	89.5
	MIN	76	75	75	77	75	76	78	79	78	71	76	76	76	75	77	78	78	77	77	74	77	74	79	79	74	77	75	79	78	78	78	76.5
* * *	MAX																																
	MIN																																
SEPTEMBER 1973	MAX																																
	MIN																																
WOLEAI ATOLL	MAX																																
	MIN	76	76	75	76	76	75	73	75	74	75	76	75	75	74	74	73	72	71	74	74	73	72	75	74	74		74	73	75	73		74.2
	MAX																																
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See Reference Notes Following Station Index

LATE REPORTS
EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
ISLAND OF KAUAI																																	
[illegible]	EVAP	.40	.3[illegible]	.4[illegible]	.25	.25	.44	.36	.3[illegible]	.33	.36	.39	.37	.3[illegible]	.3[illegible]	.35	.38	.23	.43	.30	.36	.42	.39	.36	.35	.43	.36	.28	.32	.35	.43		10.58
	WIN	2[illegible]7	2[illegible]7	2[illegible]4	2[illegible]4	237	25[illegible]	256	264	2[illegible]2	246	2[illegible]8	2[illegible]6	247	2[illegible]2	2[illegible]6	246	213	169	128	102	134	127	[illegible]1	122	98	101						6[illegible]83[illegible]
	MAX	87	88	88	84	82	86	82	85	8[illegible]	86	86	86	88	85	8[illegible]	86	83	89	89	91	90	91	90	91	86	88	87	91	9[illegible]	87		86.9
	MIN.	68	68	66	6[illegible]	66[illegible]	67	67	68	66	66	66	67	67	68	68	68	69	68	67	68	67	66	65	66	67	68	67	68	68	68		67.1
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.29	.3[illegible]	.46	.26	.36	.30	.3[illegible]	.21	.36	.36	.36	.3[illegible]	.23	.36	.39	.22	.37	.32	.33	.32	.34	.15	.39	.30	.2[illegible]	.30	.30	.30	.37		[illegible].6[illegible]
	WIND	44	54	52	44	31	60	52	57	5[illegible]	56	51	61[illegible]	60	[illegible]	[illegible]	45	4[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40	3[illegible]	33	44	39	26	30	5[illegible]	5[illegible]		1374
	MAX	92	96	9[illegible]	88	8[illegible]	92	89	92	8[illegible]	93	9[illegible]	9[illegible]	9[illegible]	8[illegible]	[illegible]	96	97	98	96	93	93	96	92	97	97	95	92	97	87	9[illegible]		91.7
	MIN	68	68	67	67	67	68	69	68	68	67	66	6[illegible]	6[illegible]1	69	69	70	70	68	69	69	69	68	69	69	70	70	68[illegible]	66	69	6[illegible]		68.5

See Reference Notes Following Station Index

LATE REPORTS
EVAPORATION AND WIND

Station		Day Of Month																													Total or Avg.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * * JUNE 1973																																	
EAST OF 180TH MERIDIAN																																	
JOHNSON WSO AP	EVAP	.22	.39	.32	.46	.40	.37	.33	.44	.42	.44	.45	.43	.41	.33	.46	.39	.29	.32	.31	.35	.53	.44	.40	.38	.40	.37	.40	.44	.35	.39		11.67
	WIND	239	253	279	286	240	232	249	263	235	263	249	240	233	214	212	204	181	163	163	226	189	224	221	229	187	181	168	226	217	217		6656
	MAX	92	92	91	88	90	90	89	89							90	90	90	93	93	90	90	91	88	88	90	90	90	90	89	90		90.2
	MIN	72	72	72	71	71	72	72	71	72						74	74	73	73	74	73	72	74	73	73	73	73	73	72	76	73		72.7
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																																	
GUAM WSO	EVAP	.25		.25	.18	.27	.18	.23	.23	.23	.23	.19	.27	.30	.08	.15	.15	.11	.25	.25	.24	.32	.25	.23	.22	.17	.22	.14	.21	.16	.21		6.498
	WIND	164	143	126	130	137	89	120	128	100	132	110	109	137	98	90	64	46	61	59	80	88	111	60	84	89	92	114	84	124	118		3097
	MAX	91	84	90	92	92	93	93	93	93	92	90	92	92	92	90	89	90	95	92	95	95	94	96	95	94	93	93	94	94	94		92.3
	MIN	73	75	73	74	74	74	74	74	73	73	74	72	74	74	74	75	74	72	73	74	74	74	75	74	75	75	78	74	74	74		74.0

See Reference Notes Following Station Index

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALUA 541	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	R	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3 A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333 A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301 A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364 A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484 A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482 A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449 A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336 A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390 A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348 A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386 A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256 A	9765	02	HANA	2	20 38	156 12	220		DC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75 A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1 A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2 A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52 A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117 A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111 A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168 A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70 A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68 A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1 A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71 A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72 A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1 A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12 A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29 A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5 A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36 A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5 A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193 A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2 A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6 A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2 A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176 A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196 A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3 A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206 A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76 A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LAMIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MAMUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PITHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82		8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MANU'A		14 14S	169 31W	18		8A			SOLOMULIA MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL, NORTH OF 12 N													
¤ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
¤CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATUR
SAIPAN USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAP		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUD DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

USCOMM-NOAA-ASHEVILLE, N.C.4/4/74-1100

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

CORRECTIONS: Published in the June and December issues of Climatological Data.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

  Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- ¤ Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

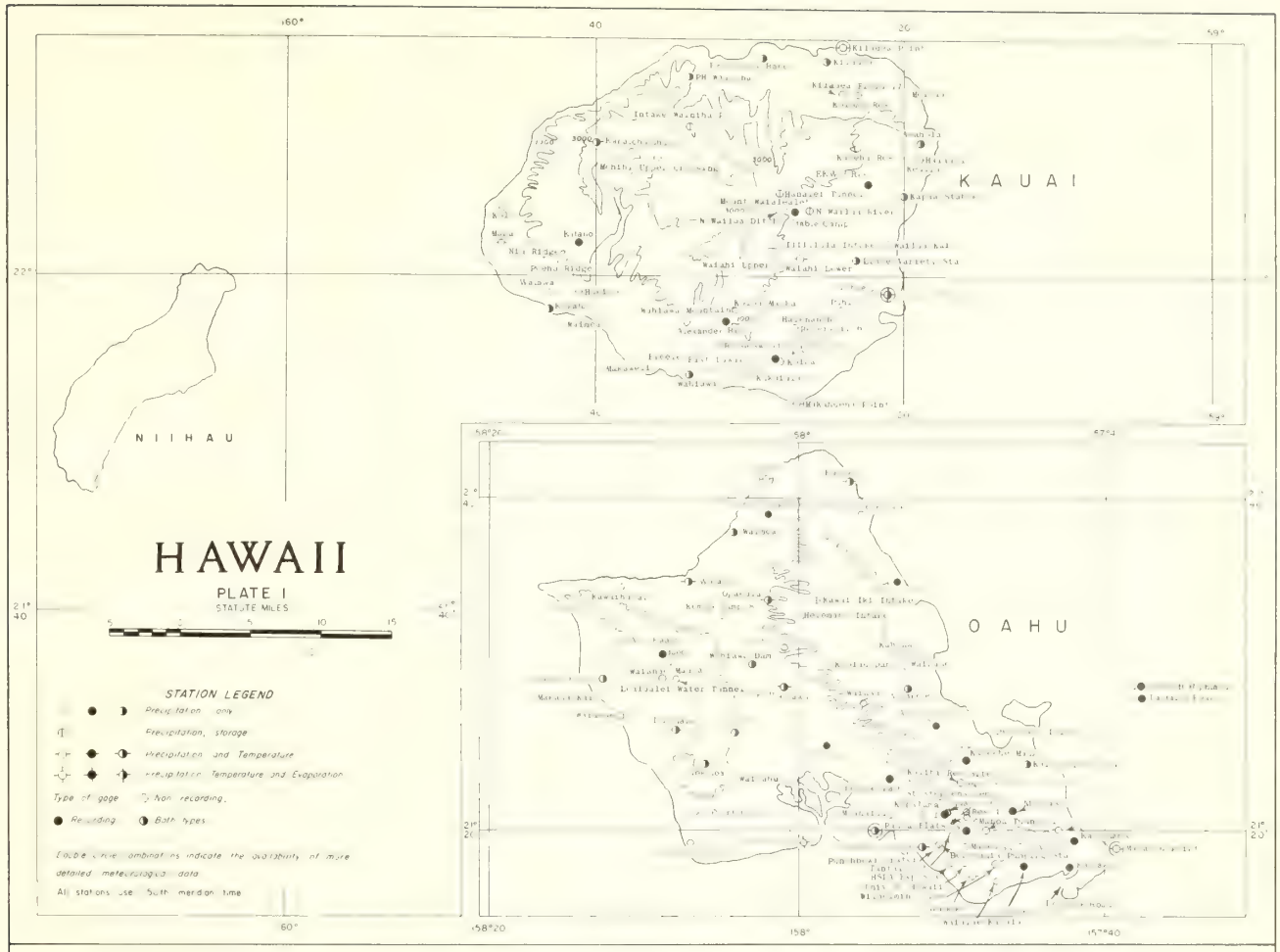
General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center



HAWAII

PLATE I

STATUTE MILES

5 0 5 10 15

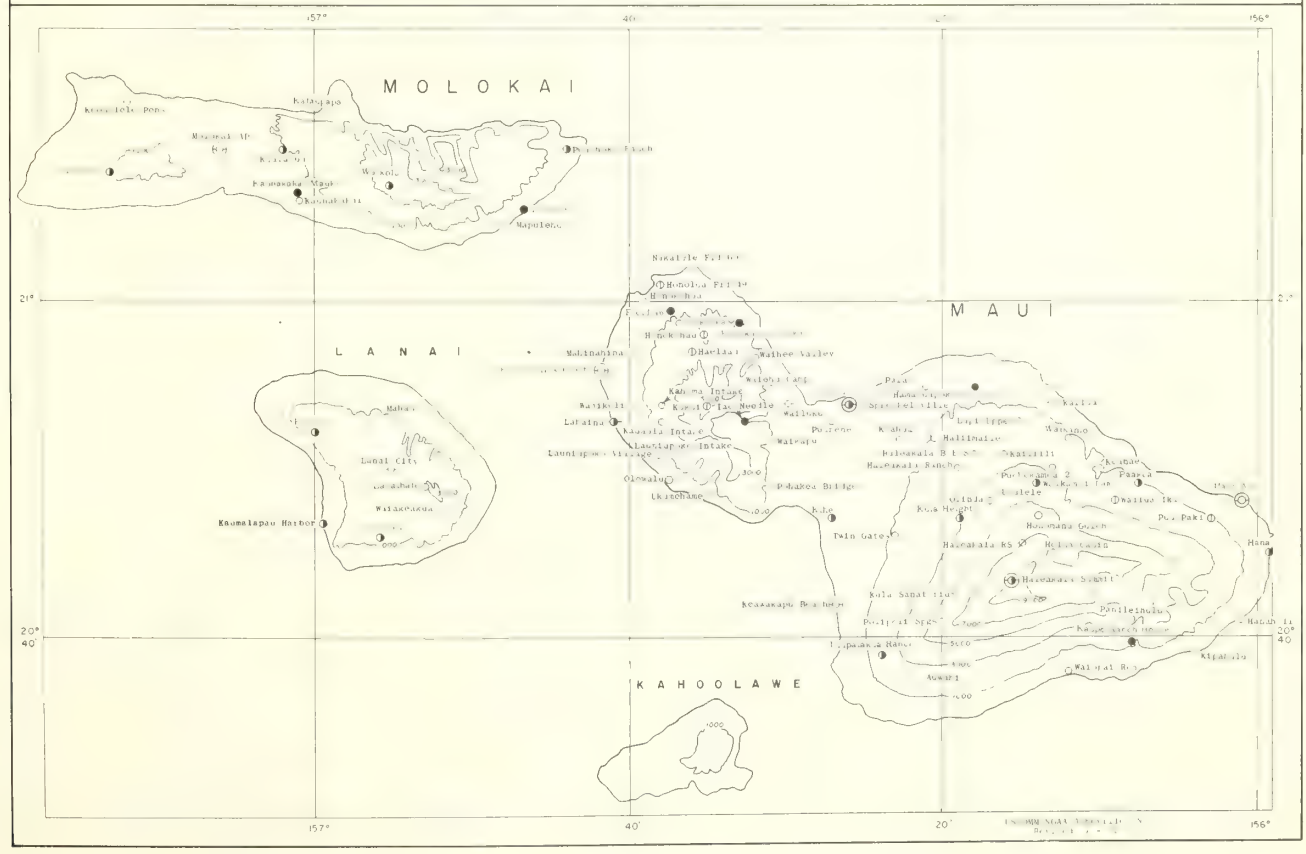
STATION LEGEND

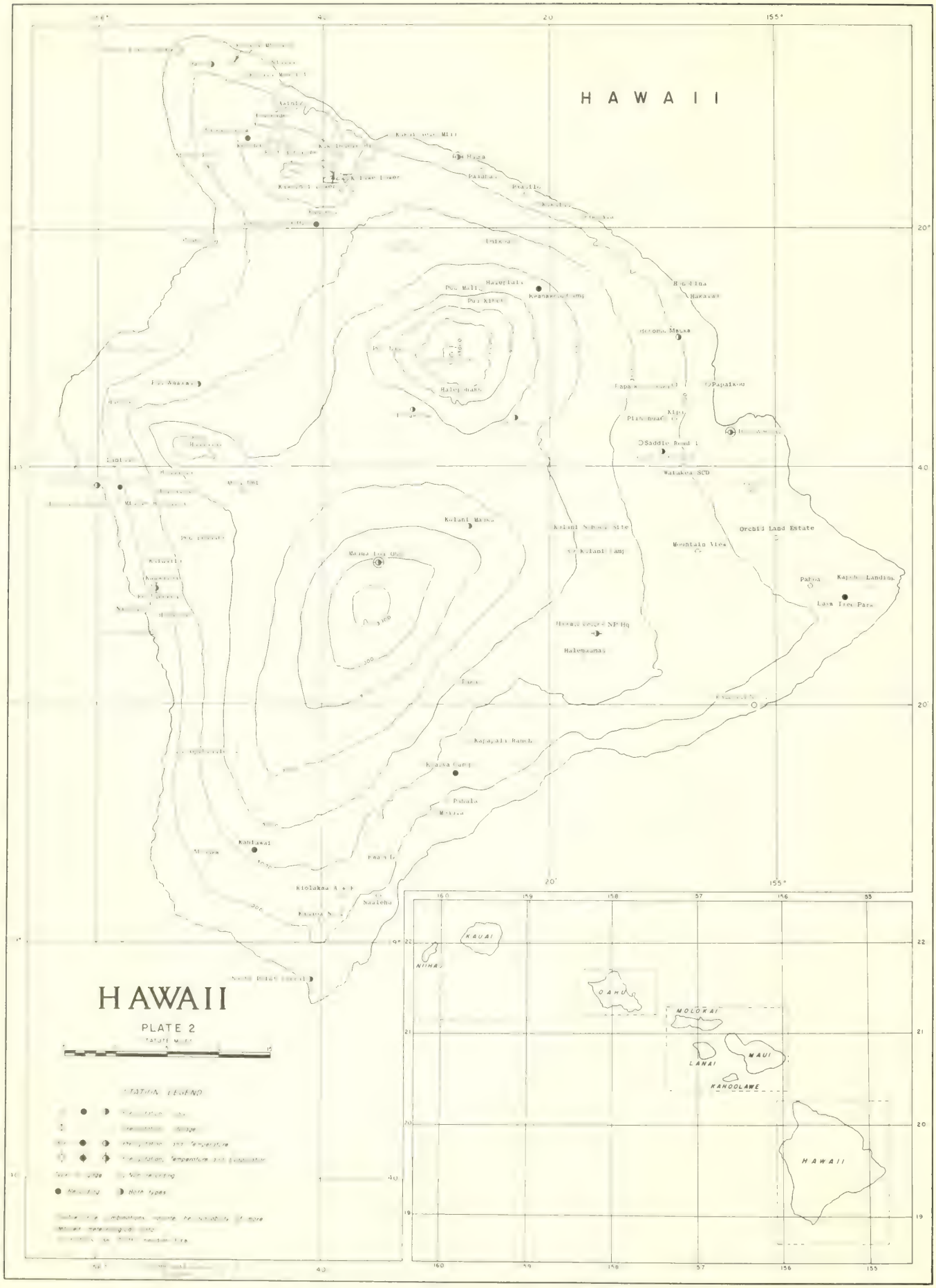
- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation Temperature and Evaporation

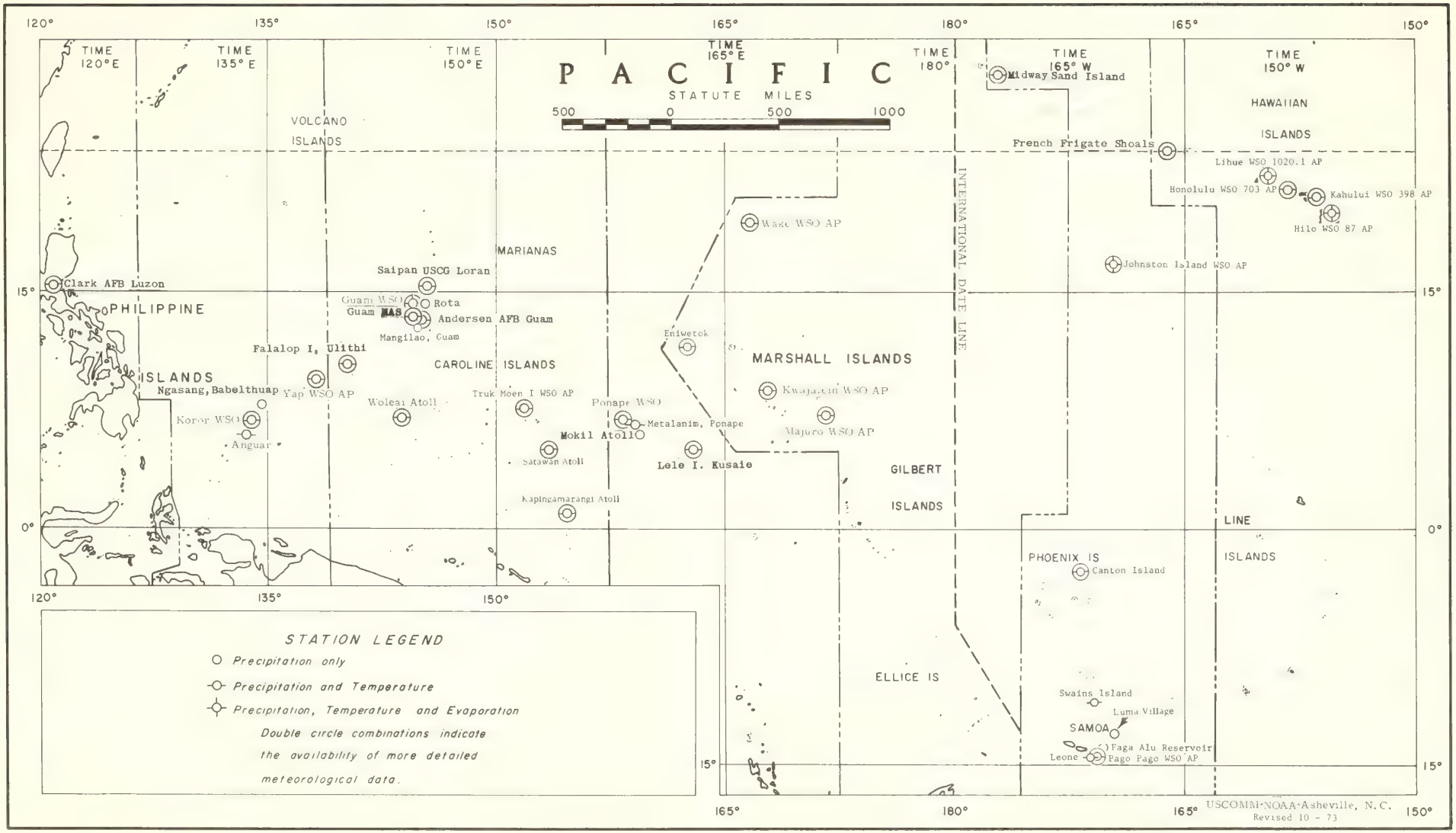
Type of gage: Non recording. Recording. Both types.

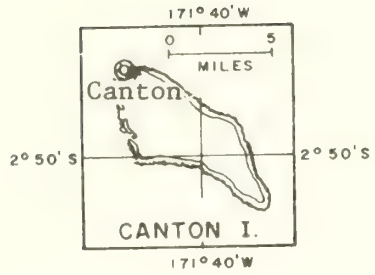
Double circle combinations indicate the availability of more detailed meteorological data.

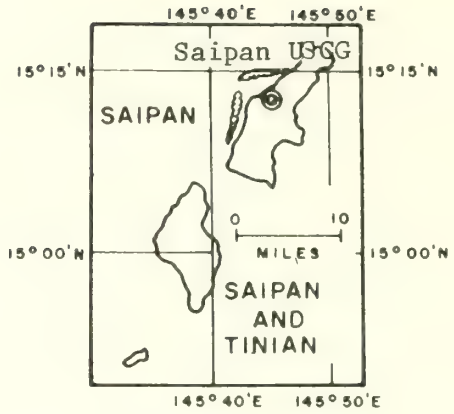
All stations use 157th meridian time.

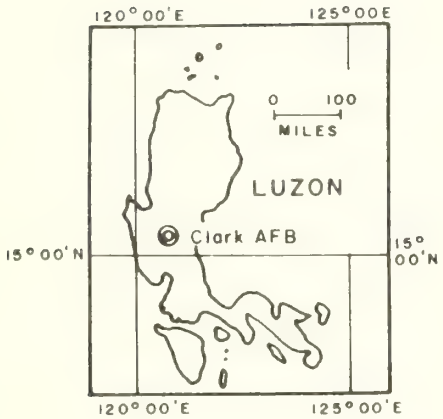


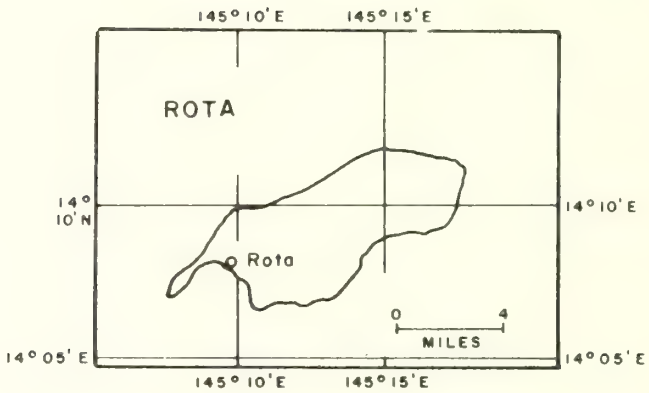

HAWAII
Kohala Mtns
Kamuela
Waimea
Kawaihae
Puu Mali
Puu Kipuka
Hapuna
Kiholo
Puu Waawaa
Hualalai
Mauna Loa Obs.
Kailua
Kona
Kealakekua Bay
Kahaluu
Keauhou
Kona Int'l Airport
Kaloko
Honokohau
Kaupulehu
Kaupulehu Mauka
Kaupulehu Makai
Kaupulehu Camp
Puhala
Manuka
Kahalawai
Kaawaloa
Kiolakaa A & F
Naalehu
Pahala
Ka Lae
South Point Terminal
Hilo
Keaau
Pahoa
Kapoho
Kapoho Landing
Lava Tree Park
Hawaiian Volcano Observatory NP Hq
Halemaumau
Kilauea Iki
Kilauea Crater
Kilauea Military Camp
Volcano Golf & Country Club
Volcano Village
Mountain View
Orchid Land Estate
Keaau-Pahoa Road
Saddle Road
Kipuka Puaulu
Mauna Kea Access Road
Waiakea Forest Reserve
Papaikou
Hakalau
Honomu
Ookala
Kukuihaele
Waipio Valley
Waimea
Kohala Mountains
Kohala Ditch
Hawi
Upolu Point
Kapaau
Puukohola Heiau Nat'l Hist. Site
Kawaihae
Waikoloa
Waikoloa Village
Waikoloa Beach Resort
Puako
Anaehoomalu Bay
Kaupulehu
Kona Airport
Keahole Point
Kailua-Kona
Kahaluu
Keauhou
Kealakekua
Captain Cook
Honaunau
Napoopoo
Hookena
Honuapo
Punaluu
Naalehu
Ocean View
Pahala
Ka Lae
South Point
Kau Desert
Mauna Loa
Kilauea
Hilo
Hilo Bay
Waiakea
Keaau
Pahoa
Kapoho
Kapoho Landing
Lava Tree Park
Hawaiian Volcano Observatory

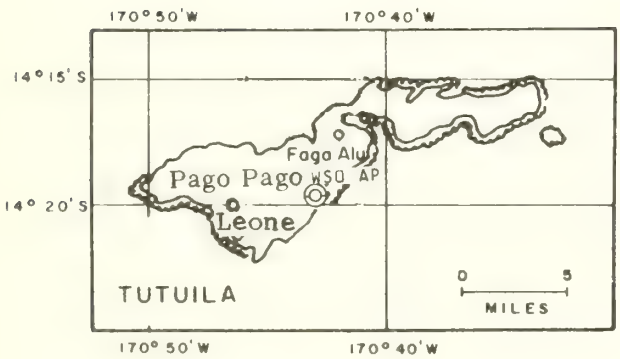

120°
135°
150°
165°
180°
165°
150°
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
P A C I F I C
STATUTE MILES
500 0 500 1000
Midway Sand Island
HAWAIIAN ISLANDS
VOLCANO ISLANDS
French Frigate Shoals
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Wake WSO AP
Johnston Island WSO AP
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Guam WSO
Guam MAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO AP
Woleai Atoll
Truk Moen I WSO AP
Koror WSO
Anguar
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Eniwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
INTERNATIONAL DATE LINE
PHOENIX IS
Canton Island
LINE ISLANDS
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
15°
0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

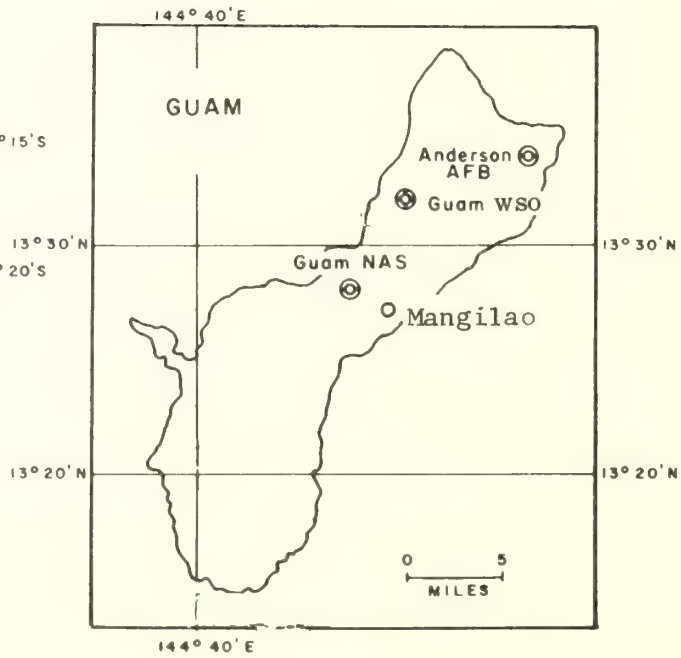

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

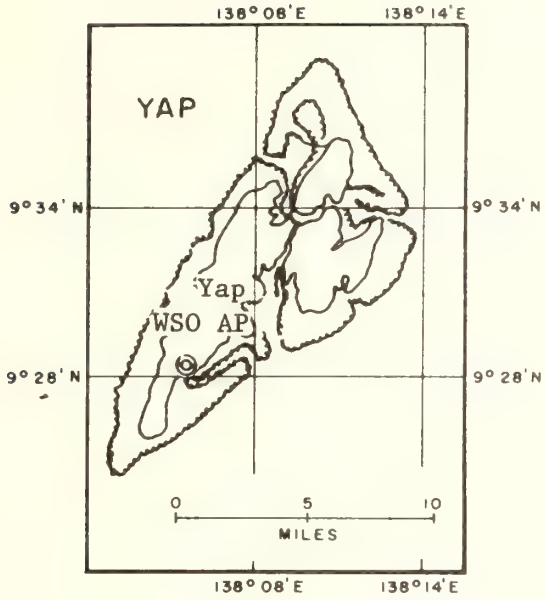

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

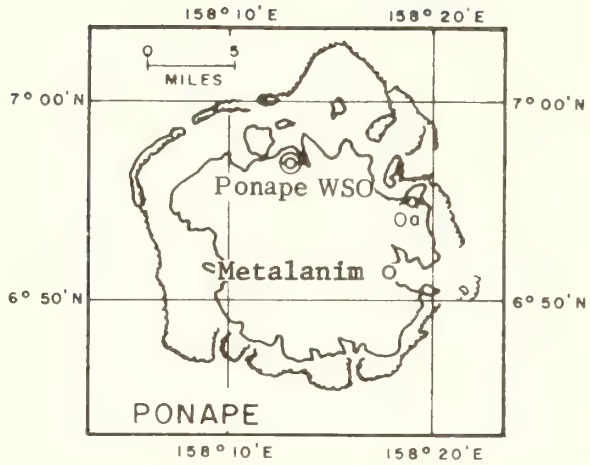

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

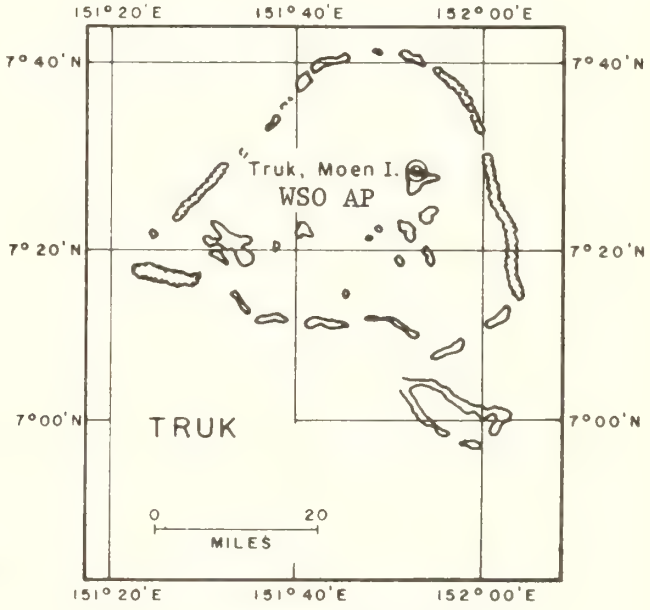

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

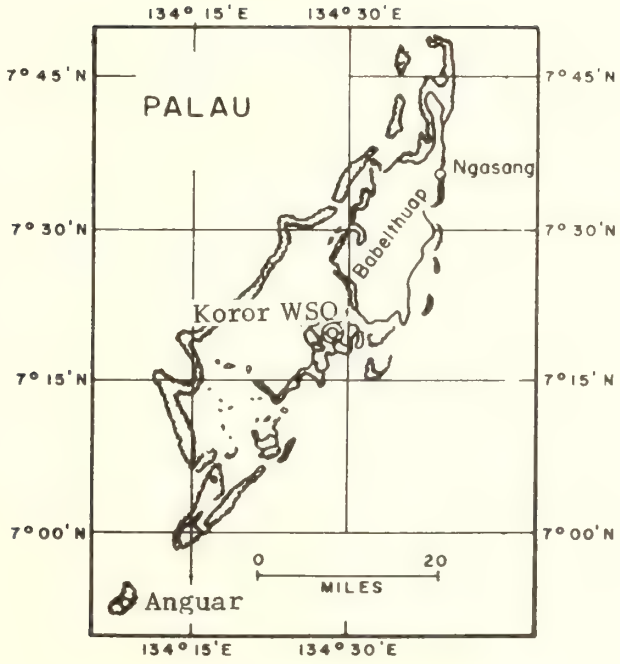

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

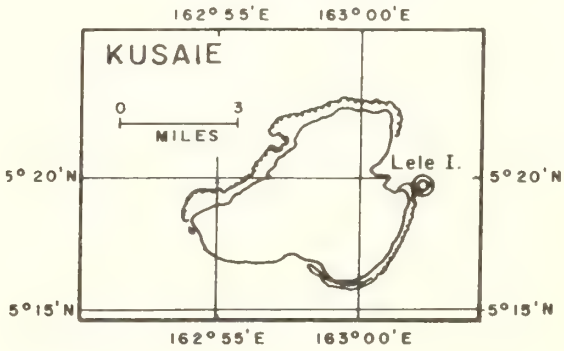
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

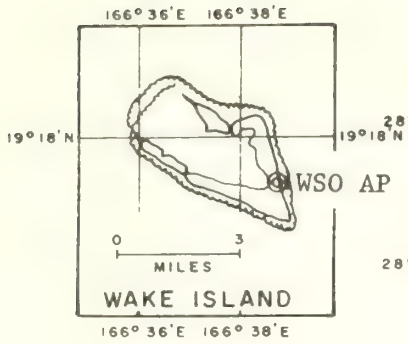

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

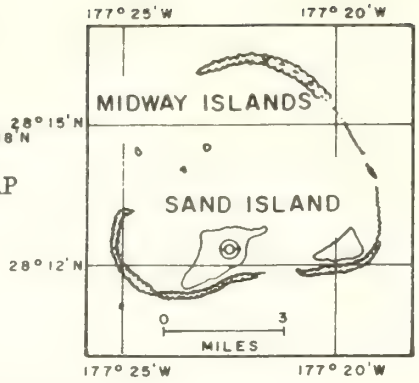

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

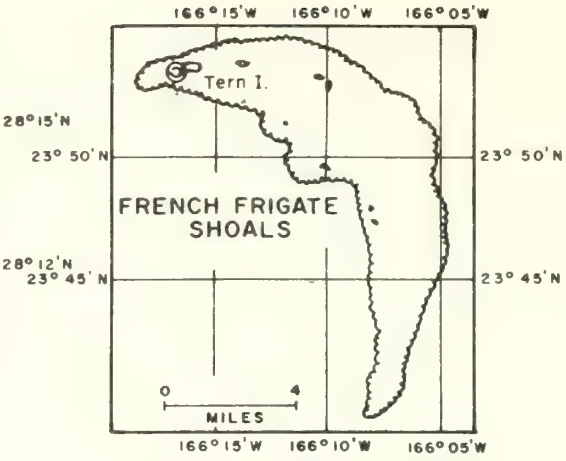

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

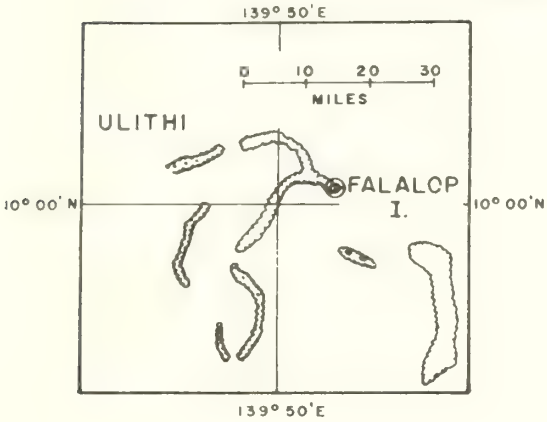

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

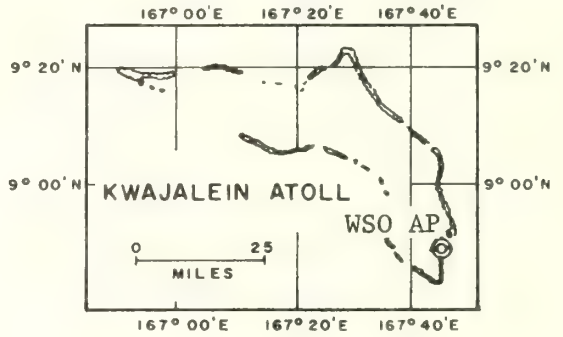
— Reef

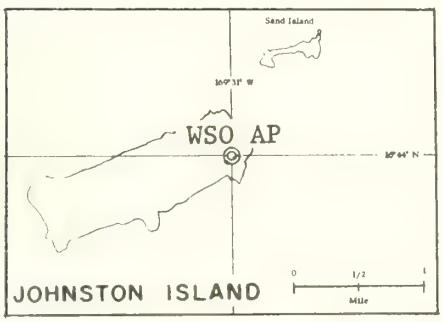

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

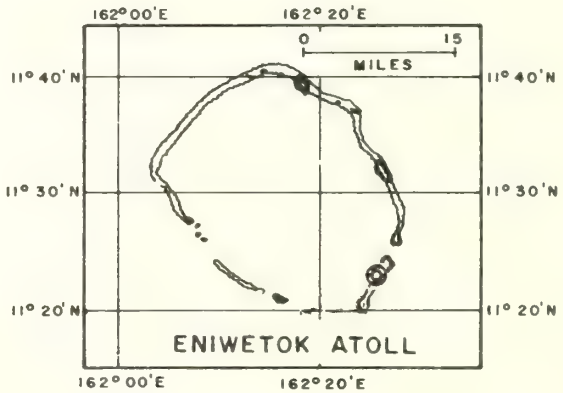

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

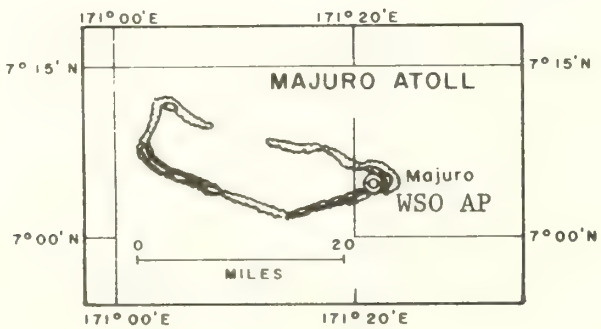

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

U S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
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FIRST CLASS



A UNITED STATES DEPARTMENT OF COMMERCE PUBLICATION

CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

HAWAII AND PACIFIC
ANNUAL SUMMARY 1973
Volume 69 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
* * * ISLAND OF KAUAI																										
KANALOHULUHULU 1075	54.8		53.9		59.1		58.3		59.7		61.9		63.8		63.9		63.4		62.8		59.6		56.7		59.8	
KILAUEA POINT 1133	71.7M		71.7		71.6		71.9		72.0		75.9		76.3		75.9		76.8		75.9		75.3M		73.3		74.0M	
LIHUE WSO 1020.1 AP	70.9	.0	71.9	1.2	75.4	4.4	74.6	2.1	75.3	.8	77.4	.8	78.9	1.2	79.2	.8	78.9	.8	77.9	...	75.5	1.3	72.9	.7	75.7	1.0
MAKAHUENA POINT 940.1	71.3M		70.2		73.7M		74.6M		75.6M		76.8M		78.1M		M		M		78.4M		77.3M		74.4M		-	
MANA 1026	69.3	- 1.8	69.6	- 1.4	72.2	1.0	72.9	.2	73.8	- .9	75.8	- .9	77.3	- .0	77.2	- 1.1	77.8	- .1	76.6	- .4	74.9	.2	72.7	.0	74.2	- .4
NIU RIDGE 1035	67.7		66.8		68.9		70.1		69.6		72.0		73.2		73.8		73.7		74.1		72.5		69.4		71.2	
WAIAHI LOWER 1054	67.1M		66.0		69.1		69.6		70.1		72.4		73.1		74.4		74.1		73.5		72.4		67.4		70.8M	
ISLAND	66.8		66.6		69.5		69.5		70.2		72.7		73.9		74.1		74.2		73.2		71.5		68.6		70.9	
* * * ISLAND OF OAHU																										
CHURCH COLLEGE LAIE	-		-		-		-		-		-		76.6		77.4		74.8		73.9		76.1		73.9		-	
FWA PLANTATION 741	M		69.6M	- 1.3	73.1M	1.3	M		74.0M	- .9	76.3M	- .5	M		78.0M	- .3	M		74.9M	.3	M		M		-	
HONOLULU WSO 703 AP	72.9	.4	72.8	.2	76.1	3.3	75.5	1.5	77.1	1.2	79.2	1.3	80.5	..7	81.2	1.8	81.0	..8	79.4	..2	77.0	...	73.8	.2	77.2	..3
HONOLULU SUBSTA 704	72.1	- .1	70.8	- ..1	72.1	- .1	72.8	- .4	73.8	- 1.1	76.0	- .8	77.1	- .6	78.1	- .3	76.4	.1	77.2	- .2	75.6	.2	73.8	.5	74.9	- .3
KANEOHE MAUKA 781	71.3M	- .2	70.4	- .8	72.1	.8	71.8	- .7	73.7	- .5	75.9	- ..1	76.4	- .1	77.9	.8	77.3	.5	76.4	.3	75.1	.9	73.0	.9	74.3M	.2
LUALUALEI 904	71.2		72.1		74.0		75.3		75.6		75.8		74.6		80.8M		80.2		78.3M		76.3M		73.3		76.5M	
MAKAPUU POINT 724	70.1M		69.3M		69.2		70.1M		71.8		73.4		74.1		75.3		75.3M		74.0		73.7		71.6		73.9M	
OPAEULA 870	68.3	1.5	67.0	.3	67.4	.6	67.3	- .7	69.7	- .1	72.0	.4	72.7	.5	75.1	2.1	75.0	1.8	74.1	2.7	73.8	3.0	72.5	5.0	72.3	1.4
PRI WAHIAWA 820.2	67.3		67.4		70.1		69.7		71.4		73.6		75.0		75.7		75.1		74.1		72.3		70.0M		71.8M	
WAIALEE 896.3	71.6		70.7		72.7		72.9M		74.6M		76.9		78.1		79.1		78.4M		77.4M		75.4		72.9M		75.1M	
WAIALUA 847	69.2	- 1.3	67.7	- 2.5	70.0	- .3	70.7	- .5	72.9	- .5	75.6	.3	75.0M	- .0	76.6	- .1	76.3	- .3	75.1	- .8	74.2	.8	71.7	.5	72.9M	- .5
WAIANAE 717.2	72.1M		71.6		74.7M		74.6		75.9		77.5		78.0M		78.5		78.3		78.0		76.3		73.3M		75.8M	
WAIMANALO EXP FARM	71.0		70.8		73.1		73.2		74.0		76.9		77.4		78.9		79.2		78.1		76.7		72.8		75.1	
ISLAND	70.5		70.0		71.9		72.1		73.7		75.7		76.8		77.9		77.3		76.5		75.1		72.0		74.2	
* * * ISLAND OF MOLOKAI																										
MOLOKAI AP 524	70.5		68.8		71.7		71.8		72.9		75.1		76.2		78.7		78.6		78.2		M		M		-	
ISLAND	70.5		68.8		71.7		71.8		72.9		75.1		76.2		78.7		78.6		78.2							
* * * ISLAND OF LANAI																										
LANAI CITY 672	M		63.2M	- 2.3	66.7M	.7	66.9	- .1	68.0M	- .5	69.8M	- .3	71.1	.0	72.0	.1	71.2M	- .3	70.8	.1	69.8M	1.2	67.2M	.7	-	
ISLAND			63.2		66.7		66.9		68.0		69.8		71.1		72.0		71.2		70.8		69.8		67.2			
* * * ISLAND OF MAUI																										
MALEAKALA RS 338	52.1		47.4		49.7		51.4		51.1		58.9		56.7		56.5		55.2		54.7		53.1		52.0		53.2	
MALEAKALA SUMMIT 338.4	46.9M		44.3		41.3		46.5		46.8M		53.2M		M		54.7		51.3M		49.1		45.9		M		-	
MANA AIRPORT 355	71.3M		70.1M		73.3M		M		74.2M		75.5M		76.4M		77.8		76.2M		74.1		75.1M		-		-	
MAANAPALI AIRPORT	71.1		70.0M		72.7		72.5		73.9		75.7		77.6		77.9		77.4		77.1		75.1		72.4M		74.5M	
MAHULUL WSO 398 AP	69.9	- 2.2	69.7	- 2.0	74.5	2.3	73.2	- .2	73.3	- 2.0	75.9	- 1.3	77.7	- .0	78.5	- .5	77.7	- .7	77.5	.2	75.5	.5	72.6	.1	74.7	- .5
MAILUA 446	67.9	- .5	66.5	- 1.6	68.3	.2	68.0	- 1.1	69.1	- 1.3	70.8	- 1.1	72.1	- .0	73.1	- .1	M		72.3M	- .4	M		M		-	
KEAWAKAPU BEACH 260.2	71.3		70.0		73.2		73.3		74.6		76.3M		77.6		78.0		77.7		M		76.1		73.0		-	
KULA SANATORIUM 267	61.6	.2	59.8	- 1.5	62.2	1.0	62.2	.2	63.4	- .1	64.8	- .1	66.4	.4	66.9	.2	66.6	..1	66.2	.0	65.4	1.0	63.4	1.1	64.1	.5
LAHAINA 301	72.2		70.6		73.5		72.9		74.1		75.5		76.7		78.2		78.3		78.0		76.2		73.9		75.0	
WAILUKU 386	M		69.3M	- 2.0	71.5M	.0	M		72.9M	- 1.5	74.9M	- 1.5	M		77.4M	- .0	M		76.2M	- .8	M		M		-	
ISLAND	66.6		65.4		68.2		66.7		69.0		71.5		72.0		73.7		71.9		72.0		70.1		67.1		69.5	
* * * ISLAND OF HAWAII																										
HAINA 214	69.6	.1	68.3	- 1.2	69.8	.3	70.1	.1	71.4	.0	73.5	.5	74.7	.6	75.9	1.4	75.4	.9	74.7	.7	73.3	1.3	70.9	.7	72.3	.4
HAWAII VOLCNS NP HQ 54	58.1	.0	55.6	- 2.5	57.1	- .6	57.2	- 1.9	58.1	- 2.5	60.5	- 1.5	62.7	- .2	62.7M	- .9	62.3M	- 1.0	61.8M	- 1.3	60.5M	- .3	59.7M	.0	59.7M	- 1.0
HILO WSO 87 AP	72.2	1.4	71.1	.5	72.5	1.9	72.2	.6	72.9	- .1	74.6	.3	75.7	.8	76.3	.5	76.3	.8	75.8	.7	75.4	2.2	73.8	2.3	74.1	1.0
KAINALIU 73.2	67.3		66.4		68.1		67.7		68.0		68.6		70.2		70.8		71.3		71.0		70.2		68.3		69.0	
KAMUELA 192.2	62.4		60.0		62.0		63.6		63.7		64.7		65.3		66.7		67.5		66.2		65.3		62.6		64.2	
KEAAU 92	70.2	- .1	68.3	- 2.0	69.5	- .8	69.9	- 1.4	70.4	- 2.1	72.1	- 1.0	73.1	- 1.3	74.0	- 1.1	73.6	- 1.3	73.3	- 1.1	72.8	.2	71.3	.2	71.5	- 1.1
KEALAKEKUA 26.2	68.3M		M		M		71.8M		M		M		M		71.8M		71.5M		M		-		-		-	
KOHALA MISSION 175.1	69.4	- .1	67.9	- 1.5	69.2	- .2	69.7	- .6	70.8	- 1.1	72.8	- .0	73.9	- .2	76.2	1.5	75.5	.9	73.6	- .5	72.5	.5	70.5	.5	71.8	- .2
KONA (KAILUA) 66.3	75.0M		72.4		73.8M		74.0M		M		M		M		76.1		M		73.7M		76.9		M		-	
KULANI CAMP 79	52.9		49.4		52.3		52.1M		52.9M		55.0		56.9		57.4		57.2		56.7		55.6		54.3		54.4M	
MAUNA LOA SLOPE OBS	45.0		42.4		38.7		45.1		44.1		51.5		48.0		48.3		48.6		47.0M		42.2		40.5		45.1M	
MOUNTAIN VIEW 91	65.7		63.0		64.8		65.0		65.6		67.6		69.1		69.7		69.5		69.0		68.5		67.7		67.1	
NAALEHU 14	M		69.1M		70.5M		70.7M		71.1M		71.9M		M		73.8M		M		73.8M		73.0M		-		-	
OLAALA 223	70.3	- .5	68.5	- 1.7	70.0	- .4	70.2	- 1.0	71.3	- 1.5	73.5	- .8	74.2M	- .6	75.8	.3	75.2	- .3	74.0	- 1.0	73.1	.0	71.1	.0	72.3M	- .6
PAHALA 2 24.1	65.8		64.1		66.7		66.4		67.3		M		71.2		71.2		70.2		70.0M		69.1M		67.0		-	
PAHALA 21	M		67.9M	- .9	70.9M	2.0	M		70.1M	- .9	71.7M	- .5	73.1M	- .1	73.6M	- .4	M		72.5M	- .7	71.7M	- .1	M		-	
PUAKO 95.1	72.9		72.4		76.0		74.7		76.6		77.2		79.1		78.9		78.8		77.6		76.9		72.2		75.9	
UPOLU POINT USCG 159.2	72.6		70.8		72.0		72.5M		74.1		76.2M		77.0		78.1M		77.7		77.0M		76.1M		73.6		74.8M	
ISLAND	67.4		65.7		67.8		67.7		67.6		69.2		71.3		71.9		70.8		71.2		70.1		67.2		69.0	

See Reference Notes Following Station Index

Table 1.

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
PACIFIC																										
• • •																										
EAST OF 180TH MERIDIAN v2																										
CANTON ISLAND	82.7	- .4	82.9	- .1	84.4	1.3	85.1	1.5	84.1	.2	84.4	.6	82.9	- .7	82.9	- .6	82.9	- .7	82.9	- .8	83.0	- .6	81.5	- 1.6	83.3	- .2
JOHNSTON WSO AP	75.5	- 1.6	75.4	- 1.6	75.9	- 1.3	76.7	- 1.3	77.7	- 1.5	79.3	- 1.0	79.8	- 1.3	80.5	- 1.0	80.1	- 1.5	79.8	- 1.1	78.4	- 1.2	77.2	- .9	78.0	- 1.0
LEONE	82.0M		83.8M		83.3M		82.5M		81.0M		79.7		79.4		80.7		80.5		79.0		80.2		M		-	
FRENCH FRIGATE SHOALS	70.4M		71.8M		73.1M		73.2M		75.3M		77.8M		79.7		79.5M		81.1M		78.1M		76.8M		73.3M		75.8M	
MIDWAY SAND ISLAND	65.3		65.4		72.1		70.4		74.6		78.0		79.6		78.8		78.2		74.6		73.1		69.6		73.3	
PAGO PAGO WSO AP	81.6		80.6		82.9		82.2		81.3		80.4		79.9		79.3		80.3		78.8		79.6		80.0		80.7	
SWAINS ISLAND	-		-		80.7		79.4		-		-		-		-		-		-		-		-		-	
• • •																										
WESTERN PACIFIC ISL, NORTH OF 12 N																										
ANDERSEN AFB GUAM	78.7		77.6		78.7		79.9		80.4		80.7		80.2		79.5		80.9		81.0		82.1		80.5		80.0	
CLARK AFB LUZON	79.4		80.9		79.1		85.3		88.2		84.2		82.1		80.6		81.7		80.4		80.4		78.6		81.7	
GUAM NAS	77.6		78.5		79.6		81.3		81.5		82.5		82.8		81.7		81.9		81.4		81.9		80.9		81.0	
GUAM WSO	75.5	- 2.7	76.9	- 1.4	78.3	- .5	79.6	- .3	80.1	- .3	80.2	.0	79.9	.4	79.5	.2	79.4	.1	78.7	- .6	79.5	.2	79.0	.3	78.9	- .4
SAIPAN USCG LORAN	78.6M		78.1M		79.6		81.7M		82.6M		82.9		83.0		81.3M		81.2M		81.5M		81.1M		81.4		81.1M	
WAKE WSO AP	76.5	- .9	75.8	- 1.3	78.3	.5	78.4	.0	80.1	.3	81.6	.2	83.2	1.2	81.0	- 1.4	82.2	- .3	81.1	- .5	79.9	- .5	78.7	- .2	79.7	- .3
• • •																										
CAROLINE AND MARSHALL ISLANDS																										
ENIWETOK	79.6	- 1.6	79.8	- 1.1	80.4	- .9	80.9	- 1.2	81.9M	- .5	81.8M	- 1.0	81.1	- 1.7	81.3M	- 1.7	81.8M	- 1.5	82.2M	- .8	81.4M	- 1.2	79.7M	- 2.3	81.0M	- 1.3
FALALOP I, ULITHI	81.5		81.2		81.8		-		-		84.2M		83.7M		83.5		82.7M		M		M		M		-	
KAPINGAMARANGI ATOLL	82.2		81.7		82.6		84.0		83.5		83.5		83.0		83.1M		81.9M		81.1M		81.8		-		-	
KOROR WSC	81.2	.9	81.6	1.3	81.9	1.2	82.3	1.0	82.7	1.4	82.7	1.6	81.9	1.0	82.5	1.5	82.2	1.2	81.9	.7	82.2	1.0	82.3	1.4	82.1	1.2
KWAJALEIN WSO AP	81.1	1.0	81.8	1.8	83.4	2.9	82.7	1.9	82.0	.9	82.1	.7	81.8	.2	81.9	.0	81.9	.0	81.5	- .4	82.5	1.2	81.9	1.1	82.1	1.0
LELE I, KUSAIE	79.2		79.0		80.1M		80.3M		81.2M		81.1		80.5M		80.7M		-		80.2M		81.5		-		-	
MAJURO WSO AP	80.9	.7	81.8	1.4	81.6	1.0	81.3	.7	80.6	.2	80.8	.5	80.9	.7	80.8	.6	80.2	- .2	80.5	.0	80.7	.2	81.1	.8	80.9	.5
METALANIM	81.0		80.2		80.9		81.1M		-		-		M		80.6M		77.1		80.8		80.5M		82.1		-	
PONAPE WSO	81.0	.5	80.7	.2	82.2	1.6	81.0	.5	81.5	1.1	81.3	1.2	81.5	1.8	80.9	1.5	80.6	1.1	80.4	.7	81.6	1.7	81.1	.9	81.2	1.1
TRUK, MOEN I, WSO AP	81.6	.9	81.2	.5	82.2	1.4	81.8	1.0	82.2	1.4	82.4	1.7	81.4	1.1	81.8	1.4	81.7	1.3	81.0	.4	82.2	1.4	81.9	1.0	81.8	1.1
WOLEAI ATOLL	81.2		81.2M		81.8		82.0		81.9		81.3		80.4		-		M		-		82.4M		-		-	
YAP WSO AP	79.7	- .8	81.1	.7	81.7	.7	82.6	.8	82.2	.2	81.7	- .2	80.9	- .5	81.0	- .3	80.6	- .8	80.0	- 1.0	81.2	- .3	80.5	- .5	81.1	- .2

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1973

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
* * *																											
ISLAND OF KAUAI																											
ANAHOLA 1114	A	1.71	5.01	2.11	3.35	2.25	3.96	2.44	1.67	2.18	.77	.72	.93	1.96	.43	1.43	1.46	2.36	.23	3.59	1.33	11.00	6.24	8.11	2.71	39.86	9.73
BRYDESWOOD STA 985	A	2.66	4.53	1.08	5.08	6.83	1.06	3.03	.54	4.81	1.29	3.19	.02	2.01	1.49	3.09	2.05	2.20	1.32	4.25	.81	15.28	9.91	7.31	.11	56.14	3.47
EAST LAWAI 934	A	3.03	3.79	1.17	4.86	7.04	1.04	3.61	.75	5.89	2.09	3.19	.56	3.55	1.42	3.40	2.77	2.67	1.47	5.41	.11	14.09	8.21	6.88	.16	59.93	4.33
ELEELE 927	A	1.35	3.45	.59	3.35	1.84	1.49	.78	.91	1.09	.23	.90	.10	.46	.80	.71	1.39	.60	.84	1.31	1.40	10.61	7.66	4.68	.50	24.92	5.80
HALAULA 1110	A	1.45	5.46	2.44	2.91	2.50	3.94	2.55	1.37	2.85	.13	.81	1.10	1.85	.43	1.21	1.69	1.86	.43	3.36	1.23	10.70	5.51	10.17	4.65	41.73	8.13
HALENANAHO 1006	A	2.73		1.71		6.46		4.97		7.16		2.22		4.03		3.35		3.16		9.52		18.99		9.41		73.71	
HLKIPC 945		1.18		.00		.45		.00		.72		.00		.10		.18		.00		.00		9.67		9.42		21.72	
ILILILULA INTAKE 1050	A	4.05		7.17		20.44		10.38		14.52		6.71		7.41		6.71		6.12		17.22		34.48		13.21		148.82	
INTAKE WAINIHA PC 1086	A	4.06		20.55		25.03		8.38		20.66		5.79		10.31		6.49		5.33		7.07		19.73		12.64		148.04	
KANALOHULUHULU 1075		3.13		5.34		2.46		3.15		3.25		.96		1.58		2.03		1.49		1.49		11.56		19.30		55.74	
KANEHA RESERVOIR 1092	A	4.22		9.13		5.97		5.98		7.01		1.96		3.66		3.52		3.89		8.03		21.04		10.84		85.25	
KAPAA STABLES 1104	A	1.02		3.48		2.74		2.81		3.29		.85		1.36		1.43		2.47		4.73		14.26		6.73		45.27	
KEALIA 1112	A	1.14	4.74	2.37	2.32	2.56	2.74	2.40	.96	3.70	.81	1.56	1.07	.94	.97	.85	1.68	1.53	.57	3.81	.01	12.28	7.79	8.73	3.90	40.17	2.54
KEKAHA 944		.79	2.89	.00	2.92	.17	2.36	.08	.99	.51	.27	.00	.34	.01	.37	.65	.92	.06	.62	.20	1.64	9.69	8.10	9.32	6.03	20.88	.81
KILAUEA 1134	A	-		-		-		-		-		1.17	2.10	2.11	2.33	2.22	2.77	2.66	.95	3.06	2.08	13.30	6.63	8.51	1.31	-	
KILAUEA FIELD 17 1135	A	-		-		-		-		-		-		-		-		-		3.98	3.09	14.56	6.28	10.45	.94	-	
KILAUEA POINT 1133		3.05		1.45		2.21		1.35		2.91		.99		.72		1.37		3.04		2.12		12.07		4.26		35.54	
KOLO 1033		.81		.37		.50		.29		.44		.07		.10		.13		.28		.28		9.86		6.44		19.34	
KOLOA 936	A	3.60	3.31	1.56	4.68	10.42	1.77	5.96	.70	9.55	3.39	3.39	2.33	4.00	1.06	3.59	2.93	3.26	1.12	6.67	1.36	16.29	10.22	8.95	1.07	89.74	5.50
KOLOA MAUKA 994	A	4.54	5.23	2.35	6.96			5.96	.70	9.55	3.39	3.39	2.33	5.09	2.28	4.85	3.95	4.54	1.84	9.76	1.82	20.34	12.07	8.95	1.24	89.74	5.50
KOLOKO RES 1137	A	-		-		-		-		-		-		-		-		-		4.37		17.19		10.64		-	
KUKUIOLA 935	A	2.46	2.90	.82	3.65	3.72	.64	1.18	1.23	3.08	1.17	1.09	.32	1.81	.25	2.20	1.04	1.56	.70	3.05	.32	12.26	8.25	5.31	.30	38.54	1.93
LIHUE VARIETY STA	A	1.97		2.14		5.21		3.49		5.08		1.52		2.63		2.82		3.91		6.76		19.39		8.80		63.72	
LIHUE 1020	A	1.29	5.16	1.45	4.27	2.15	3.37	2.08	1.78	3.09	.65	.69	1.60	1.90	.88	1.49	2.04	1.48	1.42E	5.07	.00	13.77	8.64	8.51	2.33E	42.97	10.20
LIHUE WSO 1020.1 AP	//R	1.03	4.48	1.50	3.82	1.26	3.30	1.00	2.34	1.87	.72	.51	.95	.95	.99	1.32	1.14	1.77	.31	5.06	1.03	12.15	7.62	6.85	1.67	35.27	7.73
MAKAHUENA POINT 940.1		1.55		.51		2.27		.89		1.72		1.19		1.02		1.30	E	1.15		2.47		14.86		5.32	E	34.25	
MAKAWELI 965	A	.93	2.96	.26	3.38	.35	2.15	.16	.97	.48	.38	.20	.17	.19	.42	.28	.95	.25	.63	.51	1.74	9.18	7.01	6.64	3.24	19.43	3.50
MANA 1026		.74	3.32	.06	2.75	.68	1.97	.28	.97	.45	.45	.07	.57	.11	.45	.32	.67	.03	.76	.11	1.94	8.30	6.25	8.36	5.06	19.51	2.54
MOHIHI JPR CROSS 1083	A	4.06		4.28		7.07		3.17		6.81		2.07		1.79		2.43		1.95		2.31		15.93		16.46		68.33	
MOLOAA 1145	A	2.29	4.62	2.76	2.94	2.10	4.38	1.99	2.12	3.15	.20	.59	1.12	1.08	1.30	1.20	1.85	2.21	.03	2.74	1.88	12.61	7.60	7.35	2.14	40.07	10.64
MOUNT WAIALEALE 1047	RE	23.75		53.12		25.75		25.75		34.60		20.23		20.01		15.22		24.87		36.32		53.20		25.79		360.61	
NIU RIDGE 1035		.81		.13		.92		.32		.72		.00		.39		.42		.00		.20		10.43		10.72		25.06	
N WAILUA DITCH 1051	A	6.14		10.24		20.10		10.97		17.46		6.47		8.77		6.07		8.07		16.90		30.79		15.47		155.02	
PH WAINIHA 1115		7.45	2.78	8.19	3.46	19.81	5.36	5.85	6.42	12.86	3.70	3.38	2.60	7.67	2.41	3.94	6.71	3.92	2.15	4.58	3.66	15.93	5.96E	8.90	4.69E	102.48	19.86
PRINCEVILLE RANCH 1117	E	4.04	4.29	3.17	4.21	6.94	2.64	5.61	1.17	6.76	.42	1.70	3.32	4.96	1.21	2.93	4.39	5.00	.18	3.71	2.59	17.26	9.41	9.22	.02E	71.30	13.79
PUEHU RIDGE 1040		1.36		.00		1.02		.33		2.04		.00		.27		.00		.21		.52		10.86		11.67		28.68	
PUHI 1013	A	2.32		1.69		3.47		3.57		5.27		1.50		3.31		3.35		2.82		8.81		18.16		9.24		63.51	
RESERVOIR 6 1004	A	2.91	4.53	2.36	4.84	6.25	.76	5.64	.56	7.92	3.44	2.64	1.12	4.66	.68	4.67	2.28	3.67	1.08	9.95	3.88	20.72	13.97	9.94	1.92	81.33	8.48
WAHIAWA 930	A	1.70	3.33	.51	3.75	2.75	.75	.90	1.02	1.34	.16	1.29	.03	.91	.78	1.60	.92	1.10	.61	1.90	1.12	10.33	7.24	4.60	.11	28.93	5.12
WAHIAWA MOUNTAIN 990		7.75	5.54	2.50	9.83	-		-		-		-		-		-		-		-		-		-		-	
WAIAHI LOWER 1054		5.47		3.83		13.93		5.52		9.76		4.31		5.73		6.15		7.07		11.25		23.79		10.60		107.36	
WAIAHI UPPER 1052		3.98		3.81		17.92		7.26		12.43		5.43		5.68		5.24		8.81		11.95		31.02		11.09		124.62	
WAIAWA 943		.80	3.12	.04	2.62	.16	2.17	.04	1.08	.39	.45	.00	.50	.18	.35	.03	1.06	.01	.71	.29	1.66	8.99	7.38	8.52	5.24	19.45	1.10
WAILUA KAI 1065	A	1.29		2.50		2.36		2.37		2.70		.92		.95		1.72		1.73		4.38		11.66		7.92		40.47	
WAIMEA 947		.87	2.81	.00	3.40	.32	2.04	.00	1.13	.32	.53	.00	.28	.00	.47	.45	.59	.00	.66	.00	1.91	9.63	7.89	7.63	4.28	19.22	1.65
WEST LAWAI 931	A	2.29	3.21	.67	4.04	4.49	.09	1.17	1.35	3.09	1.06	1.19	.63	1.58	.85	2.46	.81	1.48	.99	3.20	.49	10.03	5.73	5.20	.10	36.85	5.59
ISLAND		2.87		2.94		5.95		2.95		4.97		1.69		2.46		2.28		2.67		4.52		14.39		9.25		56.94	
* * *																											
ISLAND OF OAHU																											
BRETANIA PUMPING STA		1.08		1.02		2.73		.62		3.31		.46		1.59		.73		.64		1.03		6.60		8.93		28.74	
CAMPBELL IND PK 702.5		.55		.56		1.86		1.18		.32		.02		.31		.08		.29		.29		6.19		4.84		16.49	
CAMP 84 807	A	1.29		.75		1.08		1.17		.94		.49		.65		.49		.45		2.52		2.47		5.78		18.08	
CHURCH COLLEGE LAIE		1.10		2.43		2.10		2.30		4.11		2.35		3.64		5.17		2.11		8.79		4.51		5.12		43.73	
COCONUT ISLAND 840.1		1.06		1.35		1.53		1.44		2.30		.65		2.77		2.97		1.60		3.13		6.02		9.19		34.01	
EWA PLANTATION 741	E	.63	3.16	.59	2.50	.22	2.43	.75	.42	.67	.36	.12	.11	.42	.06	.20	.44	.27	.39	.74	1.19	2.54	.27	4.19	1.34E	11.34	9.45
HELEMANO INTAKE 881	A	1.68	6.66	4.06	5.48	7.59	1.31	2.84	.98	4.85	.07	2.48	1.84	3.28	1.48	2.68	2.96	1.56	2.21	5.25	.95	7.54	.22	3.13	5.79	48.98	29.37
HOKULOA 725.2	A	.98		1.24		.81		1.73		1.28		1.00		1.22		1.03		1.66		2.60		4.94		6.56		25.05	
HONOLULU OBSERV 702.2		.74		.45		.28		.54		.46		.07		.47		.16		.29		.98		2.60		4.59		11.63	
HONOLULU WSO 703 AP	R	.67	3.09	.60	2.70	.40	2.49	.72	.59	.89	.10	.09	.24	.46	.02	.32	.57	.64	.35	1.78	.06	3.73	1.57	3.94	.95	14.24	7.65
HONOLULU SUBSTA 704	R	.69	3.17	.75	2.59	1.54	1.58	.48	1.08	2.65	1.65	.16	.40	.77	.05	.48	.73	.50	.55	1.18	1.01	5.16	3.03	4.32	1.24	18.66	5.30
H S P A EXP STA 707		1.23	3.76	1.39	3.03	3.50	.75	.81	1.71	3.80	1.70	.47	.98	2.45	.59	1.02	1.26	.73	1.11	1.81	1.21	7.96	4.86	7.29	2.82	32.46	3.84
KAENA POINT 841.3		2.00		2.39		1.19		1.91		.81		1.02		1.58	E	.42	E	.99	E	1.56	E	2.50	E	6.11	E	22.48	E
KAHANA 883	A	4.69	13.06	12.96	6.32	19.15	3.28	19.88	2.18	14.46	6.43	8.77	8.18	25.47	2.45	13.48	11.21	11.36	6.66	33.12	15.33	25.96	8.13	13.83	7.10	203.13	38.51
KAHUKU 912	A	1.81	3.33	-		-		2.65	.20	-		-		1.63	.26	1.15	1.51	1.88	.03	5.22	1.06	-		4.79	.51	-	
KAILUA FIRE STA 791.3		.08		1.44		1.11		1.50		3.61		1.21		2.54		2.14		1.07		1.61		5.35		2.61		24.27	
KALIHI RES SITE 777	R	2.84	6.35	11.78	2.52	10.16	.69	12.34	4.54	8.12	.95	5.30	.65	10.70	4.69	3.94	4.08	6.10	.66	11.14	3.70	12.68	5.49	9.12	.50	104.22	12.69
KANEOHE MAUKA 781		2.64	4.66	4.70	2.52	4.76	2.50	5.10	.43	4.41	.14	1.98	.96	6.01	1.70	4.65	.36	3.50	.31	5.22	.53	11.30	6.02	10.32	3.47	64.59	.50
KAPALAMA 773	A	1.47	4.38	4.11	2.71	5.43	.81	3.11	1.02	7.16	3.52	1.60	1.46	2.97	.45	1.80	2.13	2.08	1.06	4.20	.09	12.35	7.93	4.47	2.38	50.75	5.04
KAWAIHAPAI 841	A	4.12	.52	1.83	3.36	.80	3.08	.73	1.27	.62	.95	.47	.40	.89	.06	.43	1.16	.29	.51	1.13	1.59	2.79	.14	4.55	.67	18.45	11.97
KAWAI IKI INTAKE 880.2	A	-		-		-		-		-		-		-		-		-		-		-		-		-	
KEMOU CAMP 8 855	A	2.03	3.85	2.12	4.80	1.35	3.97	1.05	1.67	.92	.79	.73	.39	.94	.20	.75	1.41	.56	.77	2.20	1.04	2.54	1.28	3.37	2.15	18.56	22.32
KOOLAU DAM 833	A	2.75	5.04	4.64	4.40	25.77	15.79	9.30	2.35	17.06	10.95	8.35	.13	9.22	.56	8.79	.26	6.57	.33	11.22	3.42	12.86	4.87	10.38	.38	126.91	28.48
LUALUALEI 804	A	.30		.83		.87		.84		1.85		.29		.05		.39		.32		.58		4.36		4.47		15.15	
LUALUALEI WTR TUNNEL	A	*		*		5.65		*		*		*		9.72		*		*		3.60		*		14.20		33.17	
MAKAHA KAI 796.1	A	1.44	2.32	.60	2.52	.03	2.39	.46	.60	.45	.20	.03	.30	.14	.12	.10	.68	.28	.39	.64	1.61	.78	.91	5.32	2.59	10.27	9.45
MAKAHA PUMP 855.2	A	1.99		4.30		.31		.25		2.06		.05		.76		.57		.10		.60		.67		5.92		17.58	
MAKAPUU POINT 724		.99	2.60	.93	3.10	1.19	2.73	1.95	.93	1.36	.33	.37	.13	2.36	1.52	.61	.41	.59	.12	.63	2.37	4.38	2.09	5.41	2.10	19.17	6.35
MANOA 712.1		3.23	2.87	4.41	1.39	11.64	5.83	3.19	1.21	8.25	4.23	2.58	.41	8.50	4.68	2.82	1.60	2.00	1.19	5.04	.62	12.39	7.82	8.56	2.32	72.61	16.83
MANOA TUNNEL 2 716	R	4.56	6.23	12.12	1.35	17.96	5.17	13.24	.53	14.62	1.77	8.82	.62	17.94	5.86	6.82	6.22	6.72	2.90	13.80	3.30	16.26	5.65	13.22	.36	146.08	8.42
MOANALUA 770		1.10	3.54	1.65	2.99	3.65	.57	1.22	1.23	3.47	1.51	.94	.23	1.45	.60	1.09	.67	1.14	.70	2.45	.57	4.02	1.01	5.79	1.18	28.47	6.20
NUUANU RES 4 783		2.42	8.39	9.58	1.47	9.56	2.45	12.08	2.07	9.32	.51	5.74	1.41	8.98	.31	4.22	6.37	4.94	3.59	11.66	2.73	11.56	2.25	9.36	1.70	99.42	16.53
NUUANU RESERVOIR #5	A	1.82	6.14	6.98	1.70	11.07	2.47	7.61	1.05	10.28	3.77	3.64	2.20	5.08	1.45	3.16	4.37	2.76	2.51	7.68	1.35	12.68	6.30	8.07	.86	80.83	4.09
OPAEULA 870	A	1.50	5.23	3.32	5.09	3.64	2.57	2.32	1.84	3.42	.14	1.50	1.10	2.40	.90	2.17	1.74	.75	1.69	2.80	2.05	2.84	2.17	4.20	2.77	30.86	27.01
PALI GOLF COURSE 788.1		3.76		5.83		3.48		4.61		4.20		2.18		6.13		2.61		2.16		4.65		8.73		10.03		58.37	
PALOLO VALLEY 718	R	4.02	6.90	12.38	1.38	14.38	1.53	12.26	.25	10.46	1.66	6.76	2.03	16.52	5.71	5.17	6.57	6.22	2.21	10.92	.09	14.54	3.43	12.36	.95	125.99	8.43
PAUOA FLATS 784	R	4.98	7.52	11.82	1.45	19.70	4.87	17.77	4.07	14.74	.94	12.62	.17	15.04	.61	7.57	9.19	7.32	4.45	17.70	5.15	17.02	4.68	11.60	2.94	157.88	5.40
PORTLOCK ROAD 724.4		.82		1.15		1.48		.83		1.01		.49		2.24		.79		.75		1.34		4.51		4.71		20.12	
PRI WAHIAWA 820.2	A	1.49		1.16		2.65		1.32		3.62		1.37		1.60		1.69		1.25		3.80		13.60		3.22		29.77	
PUNCHBOWL CRATER 709	A	1.06		1.75		4.22		1.25		3.90		.77		2.30		1.34		1.15		1.99		7.10		6.11		32.94	
ST STEPHENS SEM 788		3.53		5.13		3.21		4.59		4.55		1.71		6.15		3.01		2.99		4.61		8.75		10.38		58.61	
TANTALUS 2 780.5		3.52		6.56		17.48		7.80		13.20		6.33		9.51		5.72		4.22		8.86		11.67	E	9.94		104.87	
UNIV OF HAWAII 713	A	1.51	3.74	2.45	2.21	4.94	.17	4.96	2.10	3.46	.69	4.57	1.07	2.83	.56	1.13	1.64	.67	1.36	1.95	1.64	9.00	5.53	6.95	2.04	36.42	4.75
UPPER WAHIAWA 874.3		1.61		3.78		10.68		4.63		6.39		5.01		2.76		4.41		1.86		4.54		7.18		6.60		59.45	
WAHIAWA DAM 863	A	.99		1.29		3.85		1.29		1.82		1.27		1.51		1.38		.72		2.92		4.69		6.14		27.87	
WAIAHOLE 837	A	3.09	9.30	11.17	1.95	6.49	8.34	10.53	2.77	7.56	4.59	3.61	4.39	11.79	.85	4.30	7.53	6.39	3.40	15.93	3.85	17.80	5.97	13.67	.62	112.33	32.22
WAIALAE KAHALA 715		.90		.90		1.53		.41		1.34		.52		1.05		.84		.49		1.04		7.16		6.02		22.20	
WAIALEE 896.3		2.26		1.97		1.87		3.75		1.49		1.22		1.89		2.20		2.33		3.50		4.05		4.21		30.74	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

HAWAII AND PACIFIC
1973

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WAIALUA 847	A	1.63-	2.47	1.33-	3.48	.47-	2.53	.52-	1.20	.48-	.62	.27-	.45	.79	.35	.30-	1.08	.68-	.13	1.23-	1.46	2.25-	.10	4.51	.57	14.94-	12.90
WAIALEE 748.2	A	1.49-	2.30	.58-	1.52	.44-	2.17	.33-	.79	.26-	.35E	.16-	.19	.10-	.28E	.25-	.59	.30-	.47	.68-	1.19	.82-	.99	5.26	2.54E	10.31-	9.33
WAIALE MAUKA 810	A	3.42-	4.31	1.42-	4.43	9.44-	4.72E	.78	4.61E	1.07-	3.60	6.26	3.14	2.74-	1.38	3.17-	1.19	1.83-	1.44	4.14-	1.24	3.52-	1.27	11.05	2.01E	44.13-	14.86
WAIAU 930	A	2.04-	3.44	5.53-	7.44	6.44	2.59	12.35	.95	13.64	1.80	7.47-	3.37	11.37-	1.93	6.96-	7.45	6.57-	3.40	11.45	.43	16.33	4.23	4.51-	10.98	114.85-	33.94
WAIAWA 845	A	4.27-	7.47	11.15-	1.47	7.58-	7.66	8.89-	4.11	8.97-	2.89	5.30-	2.66	13.47	2.7	9.15-	2.52	5.80-	4.58	21.30	9.35	23.52	12.36	13.40-	.78	134.92-	9.57
WAIKAHI 727.2		.68		.68		.66		.15		1.13		.23		.40		.30		.37		.67		7.95		5.37		18.79	
WAIKAMILO EAST FORK		2.11		1.95		.83		.99		1.76		.67		2.71		.45		1.17		1.47		7.12		7.29		28.52	
WAIMEA 99	A	1.77-	3.41	3.42-	2.48	4.69-	1.25	2.82-	.43	2.84	.18	2.17-	.37	3.31	.34	2.82-	.92	1.75-	.17	4.81	.90	3.04-	1.18	4.00-	1.40	36.93-	10.12
WAIPUHI 75	A	.74-	3.41	.34-	3.35	.37-	2.8.	.78-	1.10	2.69	1.69	.09-	.51	.43-	.24	.45-	.78	.29-	.79	1.53-	.81	1.87-	.49	1.67-	1.87	11.45-	14.08
WAIPUKANI WISE TOP	A	1.72-	2.91	3.58-	.44	4.97	.45	2.11-	1.09	4.1.	1.67	1.34-	.12	3.56	1.76	1.54-	.71	1.18-	.48	1.76-	1.52	9.90	6.86	7.40	3.62	43.67	7.03
ISLAND		1.47		1.50		4.48		3.65		4.12		2.61		3.56		2.37		2.1.		4.76		6.78		6.48		45.73	
ISLAND OF MOLOKAI																											
MAUNAWAPA 568	A	2.93		1.63		3.20		3.98		6.03		.64		1.21		1.09		1.09		1.68		3.02		11.26		39.73	
MAUNAHAKAI 130	A	.91		.43		.00		.64		.14		.00		.00		.00		.26		.37		1.61		6.93		10.16	
KEONELELE PANS 55	A	1.15		.75		.84		.77		*		.71		.90		.80		.04		.82		1.92		3.33		13.44	
KAUNAKAKAI 93	A	2.33-	1.81	2.98-	.66	3.36-	1.20	.89-	2.17	2.25	.67	.30-	.37	.42-	.46	.39-	.83	1.39	.61	.84-	1.58	2.00-	1.05	9.93	5.57	27.13-	3.18
MAPULEHU 542				1.97-	2.13	4.49	.77	3.08	.03	4.3.	1.60	.41-	1.56	4.41	1.47	-		-		-		-		-		-	
MAUNALOA 511	A	1.90-	2.77	1.32-	1.76	.47-	3.30	.64-	1.67	1.06-	.41	.29-	.46	.43-	.83	1.50	.30	1.45	.34	.57-	1.80	3.06	.27	5.51	2.01	17.76-	10.08
MOLOKAI AP 524		1.40		1.25		2.48		.46		.97		.19		.25		.39		1.04		1.07		1.33		8.46		19.25	
PUUKOA RANCH 542.1		3.01		.27		2.19		3.56		3.6.		1.13		1.80		1.75		1.33		2.92		4.95		6.46		33.98	
WAIKOLU 54.	A	8.64		17.34		10.71		7.76		10.95		3.64		3.41		3.15		3.30		4.83		7.90		6.15		86.88	
ISLAND		1.74		1.88		2.83		1.26		2.15		.35		1.38		.76		1.29		.83		2.13		7.97		24.57	
ISLAND OF LANAI																											
MANEPUU 690	A	1.41		.23		.42		1.32		1.00		.13		.13		1.19		.3.		.55		4.20		5.32		16.20	
MANELOA AP 658	A	.26		.00		.13		.05		.91		.00		.03		.12		.57		.42		4.39		4.51		11.69	
LANAI CITY 672	A	1.43-	3.19	.87-	2.86	.67-	3.66	1.34-	1.58	2.44-	.23	.42-	1.00	.22-	1.50	2.32	.54	1.44-	.83	1.23-	1.72	8.59	5.73	6.90	3.18	27.87-	7.12
LANAIHALE 684	A	3.74		1.70		.49		4.09		3.97		.83		.28		1.51		1.90		2.18		9.00		4.75		34.44	
MAHANA 694	A	1.06		.00		.15		.45		.87		.00		.00		.42		.14		.75		5.52		6.45		15.81	
MAUNALEI 676	A	.75		.00		.20		.25		.53		T		.15		.15		.39		.60		7.55		5.40		15.97	
WAIHAPEHU 488	A	.91		.78		.31		.23		.56		.15		.04		.41		.74		.48		8.43		5.78		18.67	
ISLAND		1.43		.87		.67		1.34		2.44		.42		.72		2.32		1.44		1.23		9.59		6.90		27.87	
ISLAND OF MAUI																											
AUWAHI 252	A	1.10		.65		.07		.39		.19		.23		.72		.00		1.20		.38		4.82		5.85		15.10	
HALEAKALA B E S 43.	A	6.64-	.76	8.39-	.73	10.95	9.74	3.96-	4.00	5.21	.81	.87-	1.91	.79-	3.34	.64-	4.04	.93-	1.37	1.66-	2.63	11.46	5.22	6.55-	3.91	66.05-	6.92
HALEAKALA RANCH 432	A	3.01-	2.82	5.24-	1.24	5.27-	.81	2.35-	2.27	2.35	.51	.00-	.90	.00-	1.52	.00-	2.17	.41-	.91	.53-	2.14	5.46	2.02	5.97-	.66	30.59-	12.61
HALEAKALA R S 338		1.05		3.39		7.18		1.03		2.61		.01		.64		.07		1.44		1.41		14.00		5.74		38.57	
HALEAKALA SUMMIT 338.4	A	.53		.29		1.92		.16		.70		.00		.26		.27		3.01		.97		9.37		5.20		22.69	
HALIIMAILE 423	A	4.46		3.77		6.72		1.78		2.35		.30		.18		.19		.27		.94		4.27		5.41		30.64	
HAMAKUAPOKO 485	A	6.80	2.03	3.04-	.66	8.42	2.88	3.27-	1.62	3.94	.65	2.10-	.67	1.43-	2.03	1.10-	2.60	1.45-	.69	2.44-	1.03	5.66	1.41	4.52-	1.57	43.92-	4.92
HANA 354	A	4.12		1.79		3.45		4.5.		4.74		1.96		3.02		1.99		3.83		4.98		6.16		4.26		44.87	
HANA AIRPORT 355	E	4.00	E	2.46	E	6.2.	E	3.37		4.97		2.50		4.49		2.30		4.17		6.11		7.84	E	4.26	E	51.59	
HANAMAULU 281		4.01		5.27		8.63		4.04		6.7.		3.15		5.41	E	3.38	E	2.77		7.07		13.74		3.89	E	70.07	
HOLUA CABIN 259.5	A	1.65		2.89		.10		1.15		.79		1.10		.53		.18		1.21		.68		13.55		6.25		30.08	
HONOKOHAU 48	A	12.60		11.55		14.03		7.44		13.40		2.00		7.42		2.68		7.60		10.82		15.20		9.34		114.05	
HONOKOWAI 493	A	3.52-	.54	2.31-	1.43	4.27	.19	2.72-	.46	3.17	.91	1.75	.07	1.48-	.90	1.68-	1.50	1.67-	.01	1.58-	1.10	2.75	.43	7.28	2.83	34.58-	1.71
HONOMANU GULCH 341	A	4.00		8.00		19.06		2.60		10.20		.40		3.20		1.00		3.00		4.00		28.50		4.30		88.80	
KAANAPALI AIRPORT		1.69		.94		1.06		.07		.65		.07		T		.07		.05		.31		1.04		6.47		12.42	
KAMOMA INTAKE 374	A	2.80-	6.65	2.80-	7.14	12.53	.92	2.78-	6.38	4.20-	4.11	3.10-	4.05	1.85-	6.91	.90-	6.77	1.50-	3.11	2.37-	3.47	22.90	15.15	9.00-	4.18	66.67-	36.58
KAMOOLI WSO 398 AP	A	2.14-	1.00	.61-	1.73	1.35-	.87	.44-	1.00	.57-	.12	.08-	.10	.02-	.41	.02-	.33	.04-	.21	.34-	.53	.98-	.54	3.48	.78	10.27-	6.06
KAILILILI 436	A	14.06	3.34	12.13-	1.21	35.84	20.64	6.07-	8.63	8.55-	1.73	3.03-	3.76	.83-	8.46	3.03-	6.68	1.93-	3.53	4.69-	2.66	17.09	6.35E	5.93-	11.42E	113.18-	18.07
KAILUA 446		11.53	2.99	6.21-	4.26	16.13	3.95	6.16-	5.37	9.79-	.13	5.01-	2.56	6.23-	3.94	3.73-	7.58	6.92-	.58	7.15-	2.17	13.17	3.12	4.07-	7.78	96.10-	24.29
KAUAMOA INTAKE 375	A	1.86-	4.20	2.09-	3.72	4.96-	.19	2.87-	.74	2.09-	.68	1.60-	.22	1.43-	.82	.33-	2.57	.79-	.94	1.03-	2.03	6.44	2.93	9.62	2.38	35.11-	10.80
KEAHUA 410		2.11-	1.64	2.01-	1.12	1.8 -	1.06	.67-	1.31	.71-	.08	.00-	.26	T -	.54	.04-	.52	.08-	.32	.61-	.60	1.32-	.51	3.97	.60	13.32-	7.32
KEANAE 346	A	19.10	3.87	19.30-	.11	42.10	19.94	10.60-	14.50	16.80-	4.30	7.30-	6.47	9.30-	10.57	4.10-	17.65	8.10-	4.13	11.40-	3.95	24.10	5.28E	7.40-	14.92E	179.60-	47.51
KEANAARU BEACH 260.2		.40		.00		.00		.00		.99		.00		.00		.16		.33		.00		.50		6.25		8.63	
KIHEI 312		.52-	2.46	.27-	1.88	.00-	1.88	.02-	.81	.05-	.13	.00-	.04	.00-	.10	.00-	.28	.10-	.02	.06-	.75	.29-	.76	4.61	2.70	5.92-	6.41
KIPAHULU 259		4.13-	5.81	2.77-	6.16	10.87	1.3.	3.67-	3.37	5.74-	2.20	3.43-	4.33	8.58-	.95	2.84-	5.62	3.5.	3.28	5.79-	2.51	10.13	1.03	3.5.	7.40	65.03-	39.29
KOLA HEIGHTS 323.2		1.01		1.25		.32		1.32		1.63		.11		.00		.08		1.20		.44		2.71		6.78		16.51	
KOLA SANATORIUM 267		1.85-	2.77	.05-	3.83	1.06-	2.24	1.26-	1.45	2.54	.44	.04-	1.65	.48-	1.58	1.02-	1.27	3.86	1.89	1.67-	.59	1.75-	.25	6.85	3.82	22.41-	9.48
LAHAINA 361		.65-	2.14	.22-	1.87	.60-	1.33	.02-	1.03	.24-	.11	.00-	.06	.00-	.11	.02-	.40	.0.	.29	.07-	.83	1.04-	.17	7.27	4.98	10.13-	3.46
LAUKI PUMP INTAKE 376	A	2.30-	2.86	2.20-	2.56	7.60	2.99	2.30-	1.24	3.20	.37	2.00	.16	1.70-	.93	.70-	2.95	1.21-	.32	1.60-	.90E	4.62	.70	5.79-	.15E	35.22-	8.09
LAUKI PUMP VILLAGE 377	A	.51-	2.07	.00-	2.03	.27-	1.59	.09-	.83	.18-	.16	.00-	.13	.00-	.09	.00-	.47	.00-	.23	.14-	.83	2.29	1.16	7.18	4.80	10.05-	2.47
LUPI UPPER 442	A	11.00-	1.48	11.20-	2.99	22.70	9.16	8.00-	9.73	10.40-	4.46	6.01-	4.48	6.20-	7.78	3.20-	16.23	6.20-	2.92	8.30-	3.62	19.00	4.41	4.40-	12.46	116.61-	52.68
MAHINAHINA 466	A	4.41-	.70	3.04-	1.88	6.52	.96	1.21-	3.25	2.15-	.72	.86-	1.57	.45-	2.42	.35-	2.26	.65-	1.04	1.23-	1.55	3.30-	.39	7.97	1.17	32.14-	13.13
MAKAWAO FIELD 4.	A	3.54		.32		3.30		3.23		3.73		.90		.95		1.41				3.58		4.27		4.94		34.53	
OLINDA 332	A	1.88		5.20		4.83		3.48		2.39		.30		.35		.11		.76		1.91		12.04		3.28		38.49	
OLOWALU 296		.25-	2.25	.33-	1.65	.03-	1.77	.00-	.77	.24	.92	.00-	.10	.00-	.03	.00-	.25	.00-	.16	.49-	.28	2.77	1.68	7.56	5.65	11.31	.04
PAAKEA 350		17.32	2.06	15.64-	1.88	29.66	7.86	11.83-	8.67	17.35-	1.25	8.75-	5.57	10.83-	6.42	4.03-	14.81	10.39-	1.91	14.97	.31	23.51	6.80E	10.51-	9.41E	176.85-	28.99
PAIA 404		3.84-	.93	1.90-	1.66	4.10	.05	1.12-	2.01	1.82-	.29	.51-	.68	.15-	1.74	.16-	1.76	.34-	.94	.87-	1.29	2.80-	.03	3.72-	.47	21.44-	10.85
PAUWELA 289.2	A	2.08		.65		14.74		4.70		2.32		1.45		.24		.48		2.30		1.70		22.80		5.00		49.46	
PEAHULA BRIDGE 3.7.2	A	.91		.12		.07		.13		.26		.00		.00		.00		.0.		.66		.97		7.81		11.78	
PEAHULA SPRINGS 27.2	A	2.86		.15		.78		1.56		3.63		.90		1.74		1.05		1.7.		1.80		4.30		5.70		25.91	
PUKALANI 343	A	24.20	8.16	29.80	6.29	36.00	9.30	12.20-	16.41	24.40-	1.05	9.00-	8.26	8.80-	20.34	1.40-	23.03	8.80-	7.84	15.30-	1.89	24.60	2.36E	5.00-	23.55E	195.40-	75.56
PUUNENE 396		2.66-	.56	.81-	2.37	.7.	1.75	.27-	1.20	.66	.01	.00-	.11	T -	.31	.01-	.32	T -	.27	.40-	.80	.9.	.63	3.38	.45	9.21-	7.32
SPRECKELS DITCH 40.2		2.88-	.65	.65-	2.28	1.90-	1.38	.6.	1.49	.96-	.18	.16-	.30	.03-	.83	.04-	.71	.10-	.49	.48-	.91	1.16-	.85	3.34	.19	12.54-	9.88
TWIN TUNNEL 351.3	A	.12		.00		.03		.42		.10		.00		.00		.00		.00		.61		5.42		1.17		7.17	
UPCOUNTRY 393	A	1.20-	6.40	7.66-	1.34	11.44	3.41	3.4.	2.5.	5.46	1.61	.32-	2.09	1.27-	3.09	.61-	4.87	.84-	2.99	1.43-	3.61	20.40	14.86	6.97-	2.52	60.17-	9.14
WAIAKAMOI 3..	A	.30-	2.50	.00-	1.84	.03-	2.04	.00-	.98	.15-	.20	.00-	.09	.00-	.40	.00-	.40	.00-	.20	.35-	.54	2.13	.87	7.73	5.54	10.66-	2.44
WAIAKEA RANCH 5.		1.34		.05		.20		.11		3.34		.04		.92		.56		1.66		1.53		1.20		5.93		16.92	
WAIHIKULI 364	A	.75-	2.56	.86-	2.31	1.28-	1.05	.17-	1.49	1.16	.57	.04-	.21	.03-	.80	.0.	.52	.15-	1.00	1.59-	.01	3.41	1.32	14.44-	4.06
WAILUKU CAMP 484	A	5.34	1.43	2.04-	2.26	2.36-	2.24	1.24-	2.03	1.95	.19	.56	.14	.40-	.56	.40-	.81	.72-	.15	1.36-	.91	4.33	1.60	5.49	.54	25.89-	5.08
WAILUKU AIRPORT 482	A	4.75	1.63	1.79-	3.02	3.32-	2.44	1.73-	2.65	3.99	1.26	1.65	.74	1.28-	.51	.49-	1.52	1.44-	.11	2.49-	.90	6.46	2.14	6.65	.67	37.74-	4.71
WAIKAMOI 449	A	14.70	4.23	11.30-	4.26	27.5.	8.9.	9.7.	8.96	13.30-	3.09	7.30-	3.79	9.30-	9.39	4.20-	12.35	8.0.	2.9.	10.70-	2.76	18.60	4.69E	5.40-	12.00E	139.40-	41.74
WAIKAPUNI FARM 33.	A	14.38		4.3.		46.7.		13.6.		19.49		4.95		8.43		4.57		6.83		8.62		36.37		7.41		191.30	
WAIOHUU 39	A	3.31-	.7.	1.36-	2.43	.6.	2.9.	.20-	2.34	.97-	.14	.04-	.10	.00-	.55	.01-	.76	.0.	.40	1.02-	.67	1.40-	.36	5.31	1.37	13.49-	10.25
WAIOLUA 386	A	2.48-	1.31	1.26-	2.59	1.2.	2.55	.64-	2.76	1.39	.13	.11-	.23	.02-	.69	.17-	.69	.2.	.33	.71-	1.15	3.00	.72	2.99-	1.33	14.30-	12.08
WAIOPAI RANCH 256	A	2.90-	1.07	.00-	3.40	3.0	.0.	.36-	1.56	.00-	.58	.03-	.19	.08-	.25	.00-	.44	1.0.	.05	.18-	1.46	5.47	3.11	6.69	3.32	19.71-	2.97
ISLAND		4.82		.7.		8.85		2.70		4.27		1.47		2.48		1.25		2.41		3.01		7.32		5.36		47.91	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
* * * ISLAND OF HAWAII																										
AHUA UMI 75 A	.20-	1.87	3.00	.83	2.00-	.99	.60-	1.48	.90-	1.56	.95-	.77	.30-	1.57	.20-	2.74	.60-	1.04	.90-	.89	.90-	.70	[illegible]	.72	12.55-	12.39
AKINI 182.1 A	23.30		9.28-	2.15	*		.84		[illegible]		10.40		*		4.30		*		8.95		2.80		6.94	[illegible]	[illegible]	
CITY OF REFUGE 27.4	.22		1.06		.23		.15		2.32		.62		.48		[illegible]		[illegible]		.95		.38		2.10		13.51	
EAST HONOKANE 183.2 A	17.80	4.67	*		22.65		18.90-	.54	16.50	2.23	*		2.32		1.63		*		*		*		21.75		[illegible]	
HAINA 214	4.44	1.38	5.39-	1.53	12.87	4.31	3.30-	4.43	3.10-	1.92	1.00-	.86	7.77-	1.39	.68-	3.96	2.14-	.15	5.34	.09	[illegible]	11.46	4.64-	3.20	63.90-	.16
HAKALAU 142	3.50-	7.15	7.78-	5.80	15.61	.72	8.10-	4.45	8.40-	1.45	3.71-	3.12	5.18-	4.65	3.21-	8.57	[illegible]	3.54	8.29-	2.96	26.87	13.53	[illegible]	.68	[illegible]	
HALEMAUMAU 52 A	.73		.38		5.95		1.74		1.46		.50		.35		.42		3.-		1.77		14.85		1.50		47.66	
HALEPIULA 117 A	.47-	3.65	4.00-	1.74	4.96-	2.00	1.65-	2.42	1.38-	.81	.00-	1.03	.00-	1.63	.62-	3.15	.00-	1.64	.00-	3.51	*		3.88		[illegible]	
HALEPOHAKU 111 A	.16		.22		5.77		.94		.55		T		.57		2.11		[illegible]		[illegible]		11.73		8.14		30.23	
HAWAII VOLCNS NP HQ 54	2.80-	9.42	2.37-	7.88	19.04	7.06	7.08-	1.32	5.54-	.53	3.18-	1.35	2.89-	3.23	1.79-	5.80	6.94	1.85	5.11-	1.77	[illegible]	8.22	18.31	7.97	92.25-	6.20
HAWI 168 A	5.92	1.22	3.28-	1.26	6.33	1.11	5.56	.52	2.27-	1.29	1.28-	1.68	2.76-	1.17	.88-	3.31	2.48	.91	3.38-	.23	[illegible]	[illegible]	2.08	3.84	44.35-	5.41
HILO COUNTRY CLUB 86.6	9.32		8.74		44.24		12.22		16.47		6.93		9.02		5.07		13.58		12.11		32.5-		16.38		185.57	
HILO WSO 87 AP R	3.45-	8.37	5.51-	7.43	18.84	4.14	7.34-	4.58	8.34-	.99	3.69-	3.10	4.40-	5.46	3.54-	7.91	8.07-	.43	9.72-	1.78	26.88	13.51	[illegible]	6.99	107.97-	28.65
HOLUALOA 70 A	1.14-	3.37	.04-	4.27	9.40	3.16	1.28-	5.99	4.10-	5.90	2.80-	6.91	1.80-	6.58	2.30-	5.55	*		7.05		2.04-	2.10	1.26-	1.20	[illegible]	
HOLUALOA BEACH 68 A	1.55-	.75	.00-	1.86	1.00-	1.47	.40-	1.91	2.18-	.47	1.10-	2.23	1.50-	1.04	.98-	1.88	2.79	.98	1.80-	.58	[illegible]	.30	[illegible]	.48	14.85-	13.99
HONAUNAU 27	1.62		.32		2.03		.54		2.94		2.79		3.14		3.66		6.20		[illegible]		2.64		[illegible]		[illegible]	
HONOHINA 137	4.67-	7.08	8.54-	7.11	15.99-	1.95	8.94-	6.55	7.79-	4.52	3.87-	3.85	6.81-	5.17	2.90-	10.84	10.10	.89	9.05-	3.82	29.80	15.15	16.28-	.91	123.79-	35.76
HONOKANE 181.1 A	8.06-	3.49	14.34-	1.81	*		1.00		*		5.42		5.00-	6.68	2.29-	10.13	*		8.73		*		*		185.57	
HONOMU MAUKA 138	10.35-	5.71	12.36-	5.96	32.93	11.81	12.56-	6.42	14.63-	.62	7.96-	2.53	10.86-	4.14	5.06-	12.59	12.85	1.11	13.52-	2.19	40.36	22.77	24.67-	.93	193.11-	6.39
HONUAULA 71 A	.93-	2.84	.02-	3.41	1.98-	2.12	.60-	2.39	3.62-	1.91	.90-	3.20	.6-	3.46	1.05-	1.69	*		1.90-	.27	[illegible]	.60	[illegible]	.48	[illegible]	
HUALALAI 72	.07-	1.69	.00-	1.85	1.5-	.54	.18-	1.21	2.15	.29	.20-	1.21	.00-	1.51	4.88	3.46	*		.71-	.23	1.90	1.30	.84	.27	12.49-	4.67
HUEHUE 92.1 A	.77-	3.36	.00-	2.71	.77-	2.94	1.03-	1.98	2.66-	2.01	.65-	3.85	.30-	3.44	1.18-	[illegible]	.5-	2.73	1.31-	2.28	[illegible]	1.73	[illegible]	.21	12.58-	27.48
KAALA IKI 12 A	1.09		.44		3.36		2.15		2.34		2.31		.66		1.59		.98		3.57		1.41		14.80		53.28	
KAAWALOA 29 A	1.43-	2.30	1.00-	2.34	.56-	4.34	.92-	4.03	2.29-	4.38	2.05-	4.64	3.51-	3.55	1.97-	4.62	[illegible]	.34	3.50-	2.26	1.67-	1.01	[illegible]	.76	28.34-	34.52
KAINALIU 73.2	4.04	.08	.09-	3.30	2.07-	3.21	1.80-	3.86	1.81-	5.89	1.96-	5.99	3.75-	4.82	3.86-	3.83	[illegible]	1.12	8.34	2.19	2.31-	1.96	3.43	.62	40.17-	31.07
KALAPANA NO 1 67.8	1.59		1.97		7.68		4.17		3.48		4.55		1.02		1.48		8.36		5.16		18.38		1.49		62.33	
KAMAOA NO 2 5 A	1.07		.87		1.04		3.10		2.55		2.48		.64		.20		6.48		[illegible]		10.9-		11.54		42.94	
KAMUELA 192.2	2.82-	1.49	2.48-	1.74	4.64	.37	1.35-	2.54	1.26-	1.50	.86-	.92	1.19-	1.45	.40-	2.68	.79-	.5	1.78-	.5	4.7	1.58	2.96-	.83	24.63-	13.30
KAPAPALA RANCH 36 A	1.03-	7.98	.28-	7.25	1.47-	5.87	4.72-	.38	2.16-	1.85	1.61-	.49	.41-	1.74	.15-	4.23	6.-	1.94	5.63-	2.97	[illegible]	6.38	[illegible]	.49	51.65-	10.95
KAPOHO LANDING 93.5 A	1.58		2.60		11.07		4.97		5.94		6.04		9.35		3.61		8.11		8.95		2.94		2.46		79.00	
KAWAINUI LOWER 193 A	5.22-	7.97	44.43	29.76	49.10	28.94	13.62-	7.36	11.16-	6.40	5.13-	5.36	13.53-	2.14	4.71-	12.24	7.50-	.23	15.38-	4.15	19.20	7.76	7.02-	11.35	196.07	17.60
KEAAU 92 A	3.30-	9.26	5.62-	7.81	19.13	3.65	7.38-	5.04	10.33	.45	5.22-	7.64	8.09-	5.05	3.67-	8.08	9.90	.85	10.81-	1.67	29.80	14.87	15.65-	.52	124.91-	20.25
KEALAKEKUA 26.2	1.51		.67		.60		.81	F	1.76	E	1.92		3.49		6.35		6.9		-		-		-		-	
KEHENA 181.2 A	19.54	9.22	*		21.60		25.50	12.88	14.10	4.99	*		*		6.70	8.81	*		7.45		*		17.80		[illegible]	
KIOLAKAA A & F 6	2.17-	5.22	1.55-	5.73	2.00-	4.05	3.93-	1.24	3.30-	1.74	3.29-	1.89	1.86-	3.62	1.30-	5.57	5.-	.42	2.7-	4.55	17.80	6.92	[illegible]	6.01	52.04-	18.30
KIPA 89.2 A	8.90		11.61		42.61		13.15		13.87		8.99		8.7		4.69		[illegible]		12.62		32.52		18.41		188.51	
KOHALA MAULILI 176 A	8.57	1.64	4.37-	2.59	11.59	2.81	9.19-	.30	3.91-	2.82	2.30-	2.88	4.77-	2.05	.52-	6.46	2.51-	1.38	4.63-	1.45	14.20	7.76	2.39-	5.88	68.95-	14.56
KOHALA MISSION 175.1	5.61	.15	4.12-	1.02	9.64	3.13	4.79-	1.99	3.17-	1.58	1.82-	.86	3.67-	1.73	.42-	5.25	3.41	.40	3.31-	1.25	[illegible]	6.07	2.42-	4.83	53.87-	9.09
KOIAWE LOWER 196 A	3.16-	5.75	15.40	5.06	7.87	5.04	7.77-	5.53	4.64-	3.66	2.69-	4.17	5.41-	4.52	.93-	9.15	2.02-	2.31	5.30-	1.99	[illegible]	8.44	4.13-	7.70	84.76-	28.64
KONA (KAILUA) 68.3 A	.38		.08		1.48		.65		1.93		.56		.57		.28		1.84		2.43		.25		2.04		12.49	
KONA VILLAGE 93.8	.06		.00		.17		.18		.64		.02		.00		.13		.43	F	1.69		.11		1.04	F	4.17	
KUKAIAU 222	9.10	1.45	6.56-	5.09	22.62	8.01	6.10-	7.32	5.23-	3.38	1.24-	2.17	2.22-	4.68	1.44-	6.72	2.95-	.67	[illegible]	3.68	24.76	15.29	7.56-	5.66	93.93-	14.10
KUKUIHAELE HIF 199	6.72	.59	7.28-	.03	12.46	2.42	6.77-	2.46	4.00-	2.71	.88-	3.16	3.26-	3.28	.65-	5.12	3.39	.61	4.97-	.97	12.40	5.64	4.89-	4.33	67.87-	10.81
KUKUIHAELE MILL 206 A	7.31	2.72	5.20-	.54	7.74	.22	2.98-	3.41	2.81-	1.62	.54-	1.54	1.67-	2.46	.93-	3.71	1.81-	.74	3.03-	1.75	[illegible]	[illegible]	[illegible]	2.40	54.68-	2.90
KULANI CAMP 79	2.52		2.86		24.76		5.16		6.03		1.69		.85		2.28		5.68		[illegible]		2.69		[illegible]		93.92	
KULANI MAUKA 76 A	.27		.37		8.42		.08		.78		.25		.20		.80		2.10		.17		[illegible]		7.45		29.84	
KULANI SCHOOL SITE 78 A	.80		3.97		23.65		4.23		5.11		2.54		1.60		2.16		3.-		4.77		14.89		16.50		87.25	
LAHINAU 68.2	.78		.03		2.57		2.86		5.89		2.98		3.54		[illegible]		[illegible]		6.45		[illegible]		[illegible]		36.09	
MAKAHALAU 173	2.00		4.98		1.15		2.18		1.20		.00		.36		.39		.34		.53		[illegible]		[illegible]		18.52	
MANUKA 7 A	1.30-	2.66	.90-	3.66	1.20-	4.70	.35-	5.21	6.17-	.55	1.15-	4.36	.65-	4.37	1.75-	4.35	3.65-	[illegible]	2.24-	2.24	6.70	3.10	.20-	3.52	26.46-	34.69
MAUNA KEA OBS 111.2	.00		.00		.51		.00		.10		.00		.72		.30		.99		.02		3.68		.40		5.42	
MAUNA LOA SLOPE OBS	.01		.00		1.66		.00		.93		.00		1.78		.76		1.51		.60		4.66		4.66		16.57	
MIDDLE HOLUALOA 68.1 A	1.07		.00		1.13		1.50		2.15		.30		2.34		[illegible]		[illegible]		1.56		.27		.60		16.18	
MIDDLE PEN 147.1 A	1.19		.21		.64		.00		1.38		.00		.00		.46		.56		.68		.15		1.52		7.79	
MCAULA 18 A	.10-	8.38	.00-	6.34	1.50-	4.32	.20-	3.17	1.90-	.35	*		*		.30		4.00	1.0	1.55-	3.11	[illegible]	.45	3.90-	.44	32.95-	16.72
MOUNTAIN VIEW 91	5.96-	9.43	6.83-	8.78	30.41	10.19	12.92-	5.07	14.64-	.40	6.12-	4.53	5.23-	9.72	3.28-	13.63	[illegible]	.4	12.11-	1.80	28.56	10.67	[illegible]	3.95	151.65-	36.85
NAALEHU 14 A	.62-	7.35	.31-	5.54	2.26-	3.33	1.05-	1.65	1.96-	.22	2.02	.23	.26-	1.36	.69-	2.93	7.7	4.38	1.81-	2.07	1.85	5.64	11.01	6.44	40.82-	7.72
NAPOOPOO 28 A	.73		.48		.33		.28		.92		.92		1.08		1.15		3.11		4.66		.13		2.69		16.90	
NIULII 179 A	4.91	.21	4.50-	.16	8.61	.35	5.29-	.71	3.42-	1.24	.93-	2.36	3.46-	1.31	.30-	4.93	1.92-	1.26	3.23-	1.34	12.30	7.51	.66-	5.47	47.83-	10.51
OOKALA 223	7.56-	.61	6.49-	5.35	15.90	1.73	4.95-	8.85	5.84-	3.44	1.93-	2.67	3.37-	3.49	.55-	7.97	5.35	.17	5.66-	2.78	24.54	18.44	11.82-	.7-	99.46-	15.89
OPIHIHALE 2 24.1	1.49		2.04		3.96		1.03		2.58		1.56		2.35		2.44		3.72		1.51		3.01		3.08		29.77	
ORCHID LAND EST 91.5 A	1.58		3.83		23.24		7.89		9.09		5.82		4.79		3.50		8.97		9.94		[illegible]		7.47		113.63	
PAAUHAU 217	4.86-	.45	4.52-	2.53	11.03	2.23	3.15-	4.89	2.57-	2.43	.88-	.94	2.05-	1.62	.78-	3.78	1.75-	.60	4.07-	1.15	17.76	11.89	[illegible]	3.48	58.24-	8.05
PAAULIO 221	7.88-	.01	5.96-	5.66	19.09	4.87	4.95-	8.04	3.94-	4.29	.72-	2.25	1.47-	4.71	1.27-	5.80	2.39-	.91	3.60-	3.66	20.59	11.60	[illegible]	4.10	80.27-	22.43
PAHALA 21 A	.33-	7.70	.07-	6.52	2.26-	3.32	.49-	2.67	2.55	.23	.30-	1.03	.19-	1.33	.19-	2.87	6.20	3.67	1.46-	2.55	13.61	8.17	11.78	7.35	39.43-	8.57
PAHOA 69	3.87-	9.18	6.82-	6.31	23.65	8.44	8.51-	3.01	11.57	1.62	6.71-	1.36	[illegible]	4.29	5.65-	6.25	13.21	3.90	13.73	1.76	[illegible]	[illegible]	15.91-	.16	141.63-	2.23
PAKAO 37 A	.70-	5.87	.90-	5.46	6.50-	.32	3.10-	2.23	4.00-	1.00	*		.16		3.65-	2.14	4.50-	.07	6.60	.32	[illegible]	[illegible]	20.89	[illegible]	[illegible]	
PAPAIKOU 144.1	3.69-	8.33	6.11-	7.34	21.48	[illegible]	8.56-	3.76	9.18-	.72	5.10-	1.78	[illegible]	3.99	3.25-	8.81	10.95	2.39	9.91-	1.78	32.03	19	13.27-	[illegible]	129.77-	10.64
PAPAIKOU MAUKA 140.1	11.29-	5.90	10.43-	8.03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PIIHONUA 89 A	11.20-	8.44	11.10-	9.16	42.80	18.45	23.45-	.26	14.80-	6.39	14.00-	.42	9.60-	[illegible]	6.90-	17.76	[illegible]	3.04	14.26-	3.54	27.66-	2.26	16.66-	4.90	200.45-	50.02
POHAKULOA 107 A	.27		.00		.48		.40		*		.34		*		1.40		1.41		.86		3.27		4.37		12.-	
PUAKO 95.1 A	.40		.00		.06		.03		.06		T		T		.02		.14		.54		1.21		2.24		4.70	
PUU KIHE 120 A	.20-	3.37	2.39-	2.66	5.62-	.40	1.02-	2.48	1.35-	.59	.00-	1.05	.00-	2.15	.96-	3.49	.00-	1.57	.00-	3.16	*		6.20		17.74-	[illegible]
PUU LAAU 102.1 A	.05		.00		.12		.12		.35		.00		.02		.00		.82		1.90		4.90	F	3.58	E	11.84	
PUU LEHUA 73 A	.50-	1.84	3.00	.69	3.30	.14	.70-	1.97	1.90-	1.32	1.50-	1.05	1.10-	1.53	1.00-	2.36	2.20-	.13	.60-	1.63	7.00	.29	2.27	.65	20.07-	10.06
PUU MALI 113 A	.04		1.48		1.43		.97		1.58		.00		.00		.60		[illegible]		1.54		*		6.47		[illegible]	
PUU OO 82 A	.89		.19		9.97		*		*		*		-		-		-		-		-		6.32		-	
PUU WAAWAA 94.1 A	1.31-	1.94	.05-	2.52	.42-	2.79	.60-	1.70	1.74-	.99	.72-	1.40	.26-	1.84	.37-	1.76	.92-	1.41	.17-	2.71	2.11	.02	2.70	.00	11.37-	18.07
SADDLE ROAD 1 84 A	*		*		62.15		10.27		11.84		2.23		*		*		17.60		14.48		34.96		15.31		[illegible]	
SOUTH POINT CORRAL 3 A	.48		.10		.43		.86		.45		1.39		.02		.17		2.30		.14		5.68		7.32		19.61	
UMIKOA 118	4.12-	3.04	11.51	.96	17.43	4.70	3.84-	5.49	3.41-	1.65	.48-	1.22	1.16-	1.83	.53-	4.53	.94-	1.24	3.36-	1.59	23.95	17.55	[illegible]	[illegible]	75.78-	3.80
UPOLU POINT USCG 159.2	3.99		1.62		5.38		1.70		1.11		.77		8.05		4.58		10.96		12.06		[illegible]		1.61		28.11	
WAIAKEA SCD 88.2	10.35		7.50		39.47		11.52		14.46		6.69										[illegible]		[illegible]		173.19	
ISLAND	3.04		3.03		10.76		3.62		4.51		1.83		2.43		1.72		4.52		4.71		13.57		7.82		61.61	

See Reference Notes Following Station Index

TABLE 2

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

STATION		JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
		PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
PACIFIC																											
• • •																											
EAST OF 180TH MERIDIAN																											
JOHNSTON ISLAND	A	20.72	18.11	11.29	9.16	9.26	6.77	1.34	-2.28	1.32	-3.03	.34	-2.31	.90	-1.69	3.26	.76	.79	-.45	.20	-.90	.01	-1.60	.20	-2.34	49.63	20.20
PAGO PAGO RESERVOIR	A	26.01		17.01		7.46		10.68		7.86		10.58		18.97		19.69		7.13		30.51		30.64		24.37		211.03	
JOHNSTON WSO AP	R	.82	-3.07	.88	-.55	2.31	-.03	.87	-1.41	.82	-.17	.66	-.18	.50	-.83	.65	-1.61	3.44	1.09	2.29	-.98	7.41	5.35	4.47	1.47	25.12	-.99
LEONE	A	21.34		8.62		6.42		11.62		*		16.28		13.84		9.75		8.21		17.31		23.37		16.26		153.02	
FRENCH FRIGATE SHOALS		9.84		.84		.56		1.66		.52		.39		1.33		3.19		.34		5.31		3.22		5.57		20.77	
GUAM AT AGAT		33.72		10.04		4.51		5.75		11.57		5.91		14.86		9.73		7.80		37.67		17.79		20.87		180.22	
MIDWAY SAND ISLAND		2.69		1.99		5.71		1.76		.53		.33		2.08		4.35		2.85		4.37		5.54		1.42		33.62	
PAGO PAGO WSO AP	R	22.14		8.44		4.94		9.74		7.93		6.09		8.12		8.58		5.15		16.19		18.93		14.90		131.15	
SAMOA IS AND		-		-		7.47		12.56		-		-		-		-		-		-		-		-		-	
• • •																											
WESTERN PACIFIC ISLS NORTH OF 12 N																											
ANDERSEN AFB GUAM		1.31		2.66		2.18		1.67		3.10		4.02		9.99		13.84		10.90		20.88		4.44		5.95		80.14	
CLARK AFB LUZON		.09		.04		.14		.21		2.54		7.45		12.25		13.62		6.96		14.54		3.00		.34		63.15	
GUAM NAS		1.15		1.71		.85		1.09		1.65		2.57		6.04		9.50		8.08		15.55		2.73		7.18		59.14	
GUAM WSO	R	2.10	-2.53	2.94	-.55	1.57	-1.07	1.90	-1.13	3.01	-1.18	4.85	-1.02	9.55	.57	6.50	-6.34	9.05	-4.31	17.82	4.72	2.08	-8.21	5.35	-.76	66.72	-21.81
MANGILAO		1.78		3.21		1.58		1.42		1.83		5.50		5.53		10.39		10.08		15.21		3.46		6.71		66.70	
ROTA		6.44		7.55		3.99		3.98		4.77		6.22		24.16		13.35		18.10		-		6.41		15.45		-	
SAIPAN, ASCT JORAN		-		1.75		1.02		2.20		-		1.63		6.84		11.07		7.22		9.36		-		2.74		-	
WAKE WSO AP	R	2.17	1.03	1.71	.36	1.41	-.06	.89	-.98	1.99	-.05	1.95	-.05	1.23	-3.37	7.42	.34	3.12	-2.12	2.73	-2.54	2.25	-.83	.93	-.89	27.80	-9.06
• • •																											
CAROLINE AND MARSHALL ISLANDS																											
ANGAUR		1.61		-		4.12		15.03		14.28		19.22		18.51		9.25		20.87		25.34		31.89		30.01		-	
ENIWETOK		.56	-.46	.99	-.85	.29	-1.57	.70	-.58	2.79	-1.78	3.41	-.04	8.26	1.81	5.49	-1.32	6.35	-.11	8.66	-.43	1.82	-4.46	2.67	-.04	41.99	-9.47
FALALOP I., ULITHI		.88		.70		1.15		3.06		1.90		8.01		10.95		8.14		9.41		12.20		6.30		-		-	
KAPINGAMARANGI ATOLL		6.78		2.48		15.40		4.31		1.66		5.94		2.76		1.68		2.54		.01		2.86		-		-	
KOROR WSO	R	2.11	-9.62	1.24	-5.89	2.95	-4.68	11.29	-.90	10.16	-4.47	13.78	-.80	12.79	-2.38	11.35	-4.41	12.18	-2.15	19.14	6.05	16.56	3.63	9.87	-1.85	123.42	-24.07
KWAJALEIN WSO AP	R	.52	-3.09	.52	-1.63	1.20	-5.26	4.53	-.49	7.92	-.26	8.60	-.08	11.29	2.38	7.51	-2.08	8.33	-1.86	11.45	.57	3.51	-8.62	5.21	-3.75	70.59	-24.17
LELE I., KUSAIE		3.51		8.44		7.35		18.04		19.46		8.08		9.96		19.84		-		-		11.64		-		-	
MAJURO WSO AP	R	.78	-6.20	1.84	-6.71	11.05	-.67	14.59	2.28	14.33	1.58	12.23	-.61	7.29	-5.24	13.86	2.18	12.78	.72	13.79	-1.38	14.21	-1.71	7.24	-3.88	123.99	-19.64
METALANIM		3.13		7.68		9.58		22.03		-		-		-		15.94		19.45		15.69		14.70		17.15		-	
MOKIL ATOLL		-		3.66		4.42		12.15		-		10.84		-		-		-		-		-		-		-	
NGASANG, BABELTHUAP		3.63		.48		1.13		11.52		-		-		-		-		7.42		17.63		14.88		-		-	
PONAPE WSO	R	3.31	-7.76	3.70	-6.04	7.71	-6.84	24.38	4.34	16.28	-4.03	23.40	6.70	9.40	-6.82	17.85	1.53	18.15	2.34	21.32	5.35	10.38	-6.47	18.16	-.18	174.04	-17.88
SATAWAN ATOLL		6.14		-		-		14.62		10.71		-		-		-		-		12.21		8.05		-		-	
TRUK, MOEN I., WSO AP	R	1.36	-7.04	2.30	-3.99	4.59	-3.16	8.83	-3.49	8.96	-5.16	10.31	-1.56	13.78	1.45	13.18	-.37	11.34	-1.24	21.16	7.71	6.59	-3.77	17.60	4.36	122.00	-15.52
WOLEAI ATOLL		.80		1.35		2.83		10.30		7.42		8.69		8.23		-		15.80		-		-		-		-	
YAP WSO AP	R	2.14	-5.73	1.00	-3.64	1.54	-3.84	5.62	-.76	5.98	-3.54	12.35	-1.63	10.11	-3.67	5.13	-9.57	17.64	3.63	14.92	-1.73	10.57	-.58	7.03	-3.13	94.03	-27.47

See Reference Notes Following Station Index

TEMPERATURE EXTREMES

Table 3

HAWAII AND PACIFIC 1973

Station	Highest	Date	Lowest	Date
HAWAII				
* * *				
ISLAND OF KAUAI				
KANALOHULUHULU 1075	80	8-25	37	12-20+
KILAUEA POINT 1133	90	11- 1	60	1- 1
LIHUE WSO 1020.1 AP	87	9- 6+	55	1- 1
MAKAHUENA POINT 940.1	90	10- 4	55	1- 2
MANA 1026	90	8-27	45	1- 1
NIU RIDGE 1035	86	4-17	51	2-27+
WAIAHI LOWER 1054	87	10- 6	48	2-26+
* * *				
ISLAND OF OAHU				
CHURCH COLLEGE LAIE	88	10- 5	-	
EWA PLANTATION 741	90	9-14	55	1- 3
HONOLULU WSO 703 AP	91	10- 5+	55	1- 1
HONOLULU SUBSTA 704	85	10- 5+	62	4- 5+
KANEOHE MAUKA 781	87	8-24	60	2- 5+
LUALUALEI 804	94	8-22	52	1- 4
MAKAPUU POINT 724	89	10- 3	54	3-30+
OPAEULA 870	88	10-21+	48	1-16
PRI WAHIAWA 820.2	90	10- 8+	51	1- 3
WAIALEE 896.3	89	10- 5	58	1- 2
WAIALUA 847	90	10- 6+	54	4- 9+
WAIKIKI 717.2	90	10- 5+	52	1- 1
WAIMANALO EXP FARM	87	10- 8+	53	1- 1
* * *				
ISLAND OF MOLOKAI				
MOLOKAI AP 524	92	10- 7+	54	1- 1
* * *				
ISLAND OF LANAI				
LANAI CITY 672	85	10- 8	47	2-22
* * *				
ISLAND OF MAUI				
HALEAKALA RS 338	80	10- 6	31	2-15
HALEAKALA SUMMIT 338.4	70	6-25	28	2- 9
HANA AIRPORT 355	90	7-31	58	2-24+
KAANAPALI AIRPORT	90	10- 6	58	2- 5
KAHULUI WSO 398 AP	96	10- 5	50	2- 5
KAILUA 446	81	11-12+	56	2- 6
KEAWAKAPU BEACH 260.2	94	9- 4+	54	2-12+
KULA SANATORIUM 267	80	8- 7+	47	2-11
LAHAINA 361	93	10- 5	56	4- 7+
WAILUKU 386	88	11- 1	57	1- 4

Station	Highest	Date	Lowest	Date
* * *				
ISLAND OF HAWAII				
HAINA 214	88	10- 5	56	1-22
HAWAII VOLCNS NP HQ 54	75	9-20+	39	2- 5
HILO WSO 87 AP	89	10- 4	58	2- 6+
KAINALIU 73.2	82	9-24+	54	4- 7
KAMUELA 192.2	84	10- 5	42	2-15+
KEAAU 92	87	10- 5	56	2- 6
KEALAKEKUA 26.2	88	4-13	55	4- 8+
KOHALA MISSION 175.1	85	9-13+	57	2- 5
KONA (KAILUA) 68.3	89	10- 5+	61	5-28+
KULANI CAMP 79	76	9-15	32	2- 5
MAUNA LOA SLOPE OBS	66	6-27+	24	12-10+
MOUNTAIN VIEW 91	84	12-31+	49	2- 6
NAALEHU 14	85	10- 6+	58	4-27+
OMKALA 223	85	8-25+	56	12-15
OPIHIHALE 2 24.1	87	8-11	50	6-15
PAHALA 21	88	8-19	55	2- 6
PUAKO 95.1	88	10- 6+	59	12-16+
UPOLU POINT USCG 159.2	89	8-24+	60	4-19+
PACIFIC				
* * *				
EAST OF 180TH MERIDIAN C2				
CANTON ISLAND	94	5-29+	69	12-19
JOHNSTON WSO AP	86	9-24+	67	11-26+
LEONE	96	2- 7	67	10-15
FRENCH FRIGATE SHOALS	91	9-27+	58	1-14
MIDWAY SAND ISLAND	87	9-17+	52	1- 9
PAGO PAGO WSO AP	91	3-28+	67	10-14+
SWAINS ISLAND		-		-
* * *				
WESTERN PACIFIC ISL. NORTH OF 12 N				
ANDERSEN AFB GUAM	89	11-23	71	2- 4
CLARK AFB LUZON	100	6- 9+	64	12-26
GUAM NAS	90	8- 6+	65	2- 8
GUAM WSO	89	5-24+	58	1-29
SAIPAN USCG LORAN	96	7-31+	62	2- 6+
WAKE WSO AP	91	9- 1	67	2-20+
* * *				
CAROLINE AND MARSHALL ISLANDS				
ENIWETOK	93	10-20+	64	12- 8
FALALOP I, ULITHI		-		-
KAPINGAMARANGI ATOLL	94	2-24	-	-
KOROR WSO	92	12- 9+	72	10-11+
KWAJALEIN WSO AP	90	3-26+	72	5-14+
LELE I. KUSAIE		-	63	2-24
MAJURO WSO AP	88	4- 3	72	12-17+
METALANIM		-	64	2- 5+
PONAPE WSO	91	10-21+	66	2- 5
TRUK, MOEN I, WSO AP	91	8-14	68	9-20
WOLEAI ATOLL		-		-
YAP WSO AP	90	8-20+	65	12-17

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1973

Station		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov.	Dec	Annual
HAWAII														
* * * ISLAND OF KAUAI														
LIHUE WSO 1020.1 AP	EVAP	6.02B	7.16	9.05	9.73	10.18	10.58	11.64	11.68	10.29	9.09	5.79B	4.61B	105.82
	WIND	3500	-	7777	5670	6264	6083B	6609	6153	5294	5779	3606	2465	-
	MAX	80.0	80.1	81.4	83.4	85.0	86.9	87.4	87.2	87.8	84.0	81.5	79.3	83.7
	MIN	60.0	61.0	63.9	64.1	64.5	67.1	67.7	68.5	67.9	67.0	65.1	62.9	65.0
* * * ISLAND OF OAHU														
HONOLULU OBSERV 702.2	EVAP	4.78B	6.63	7.95	7.79	8.75	9.63	10.77	11.16	10.09	8.72	6.00	4.39B	96.66
	WIND	347	417	1039	675	893	1374	1332	1284	1097	1140	875	845	11318
	MAX	79.5	79.9	83.8	87.7	91.8	91.7	93.2	92.8	92.7	90.5	86.8	83.5	87.8
	MIN	59.0	57.3	60.3	64.7	66.6	68.5	69.7	69.9	69.0	68.8	67.2	63.9	65.4

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

Station		Jan	Feb	Mar	Apr	May	June	July	Aug.	Sept	Oct	Nov	Dec	Annual
PACIFIC														
* * * EAST OF 180TH MERIDIAN 02														
JOHNSTON WSO AP	EVAP	9.29	10.18	11.65	11.13	11.74	11.67	12.38	11.49	10.13	9.23	8.48	9.04B	124.57
	WIND	7860	7382	7671	50838	7617	6656	7133	6439	6001	5965	4518	6726	79051
	MAX	82.8	84.1	86.0	87.4	88.8	90.2	90.4	90.6	90.5	89.7	87.2	-	-
	MIN	69.7	69.6	70.3	70.1	71.1	72.7	73.5	74.2	74.1	74.0	73.1	-	-
* * * WESTERN PACIFIC ISL, NORTH OF 12 N														
GUAM WSO	EVAP	5.94	5.46	7.47	8.46	8.14	8.49B	5.46	4.79	5.04	5.33	6.26	5.29	74.73
	WIND	2887	3520	3550	5156	3279	3097	2209	1628	2339	2562	3434	3815	37476
	MAX	87.4	87.0	88.7	88.7	91.5	92.3	92.4	91.4	90.8	89.6	90.7	87.4	89.8
	MIN	69.0	69.9	70.4	71.7	72.8	74.0	74.2	73.8	72.6	72.2	73.4	73.1	72.3

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	DISTRICT	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610						C
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		44				2 C
BRYDESWOOD STA 985 A	0240	00	KOLOA	2	21 56	159 32	720		65				2
EAST LAWAI 934 A	0456	00	KOLOA	2	21 55	159 30	440		73				2
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275						C
ELEELE 927 A	0470	00	KOLOA	2	21 54	159 35	163		74				2
HALAULA 1110 A	0935	00	KAWAIHAU	1	22 07	159 19	253		73				2
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		43				2
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218						S
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		34				2
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		40				2
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		10				2
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	10	20				1 2 3 C
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHAU	1	22 08	159 23	830		12				2
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		34				2 C
KEALIA 1112 A	3982	00	KAWAIHAU	1	22 06	159 19	9		75				2
KEKAHA 944	4272	00	WAIMEA	3	21 58	159 43	9		80				2 C
KILAUEA 1134 A	4561	00	HANALEI	1	22 13	159 25	317		89				2 C
KILAUEA FIELD 17 1135 A	4566	00	HANALEI	1	22 11	159 24	415		44				2
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	23	24				1 2 3
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150						C
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		38				2
KOLOA 936 A	4742	00	KOLOA	2	21 55	159 28	240		88				2
KOLOA MAUKA 994 A	4750	00	KOLOA	2	21 58	159 29	640		70				2
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		41				2
KUKUIULA 935 A	4950	00	KOLOA	2	21 54	159 30	100		72				2
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		12				2 C
LIHUE 1020 A	5575	00	LIHUE	2	21 59	159 22	207		70				2
LIHUE WSO 1020.1 AP R	5580	00	LIHUE	2	21 59	159 21	103	24	24	20			1 2 34C
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	17	17				1 2 3
MAKAWELI 965 A	5864	00	WAIMEA	3	21 55	159 38	140		83				2
MANA 1026	6082	00	WAIMEA	3	22 02	159 46	20	61	70				1 2 3
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300						C
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		10				2 S
MOLOAA 1145 A	6529	00	KAWAIHAU	1	22 11	159 20	330		48				2
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		27				2 S
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	29	35				1 2 3
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		47				2
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650						S
PH WAINIHA 1115	8155	00	HANALEI	1	22 12	159 34	101		67				2 C
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		65				2 C
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		35				2
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		39				2
RESERVOIR 6 1004 A	8573	00	LIHUE	2	21 57	159 27	420		61				2
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740						C
WAHIAWA 930 A	8941	00	KOLOA	2	21 54	159 34	215		70				2 C
WAHIAWA MOUNTAIN 990	8949	00	KOLOA	2	21 58	159 31	2100		24			MAR	2
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	20	45				1 2 3
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		42				2
WAIAWA 943	9253	00	WAIMEA	3	21 59	159 43	10		80				2
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		12				2
WAIMEA 947	9629	00	WAIMEA	3	21 58	159 41	20		62				2
WEST LAWAI 931 A	9955	00	KOLOA	2	21 54	159 31	210		73				2
ISLAND OF OAHU													
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320						C
BRETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		16				2
CAMPBELL IND PK 702.5	0248	02	OAHO	3	21 19	158 07	10		3				2
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		19				2 C
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	2	8				1 2 3
COCONUT ISLAND 840.1	0250	01	KOOLAUPOKO	1	21 26	157 47	15		17				2
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565						C
EWA PLANTATION 741	0507	00	EWA	3	21 21	158 02	50	68	83				1 2 3
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170						C
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30						C
HELEMANO INTAKE 881 A	1384	00	WAIALUA	5	21 33	158 00	1274		57				2 C
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		10				2 C
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		12	12			2 4
#HONOLULU WSO 703 AP R	1919	00	HONOLULU	2	21 20	157 55	7	28	28				1 2 3 C
#HONOLULU SURSTA 704 R	1924	00	HONOLULU	2	21 19	157 52	12	70	70				1 2 3 C
H S P A EXP STA 707	2146	00	HONOLULU	2	21 18	157 50	50		57				2
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10						C
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		2				2
KAHANA 883 A	2462	00	KOOLAULOA	1	21 31	157 54	800		57				2
KAHUKU 912 A	2570	00	KOOLAULOA	1	21 41	157 57	25		82				2 C
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		16				2 C

STATION INDEX

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ISLAND OF OAHU														
KALIHI RES SITE 777	R	2960	00	HONOLULU	2	21 23	157 50	910		47				2
KAMEHAME 724.7		3056	01	OAHU	1	21 19	157 41	1200					AUG	C
KANEOHE MAUKA 781		3113	00	KOOLAUPOKO	1	21 25	157 49	225	34	46				1 2 3
KAPALAMA 773	A	3268	00	HONOLULU	2	21 21	157 52	614		52				2
KAWAIHAPAI 841	A	3734	00	WAIALUA	5	21 35	158 11	40		45				2
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		19				2
KEMOO CAMP 8 855	A	4318	00	WAIALUA	5	21 33	158 05	725		50				2
KOOLAU DAM 833	A	4766	00	WAHIAWA	5	21 30	157 58	1160		60				2
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	7	38				1 2 3 C
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		20				2
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240						C
MAKAHA KAI 796.1	A	5766	00	WAIANAE	4	21 28	158 13	15		48				2
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400						2 C
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	25	62				1 2 3
MANOA 712.1		6122	00	HONOLULU	2	21 19	157 49	220		56				2
MANOA TUNNEL 2 716	R	6130	00	HONOLULU	2	21 20	157 48	650		47				2
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410						C
MOANALUA 770		6395	00	HONOLULU	2	21 21	157 54	20		74				2
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325						C
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015						C
NUUANU RES 4 783		6928	00	HONOLULU	2	21 21	157 49	1048		70				2
NUUANU RESERVOIR #5	A	6933	00	HONOLULU	2	21 20	157 50	410		85				2
OPAEULA 870	A	7150	00	WAIALUA	5	21 34	158 02	1060	69	70				1 2 3 C
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		3				2
PALOLO VALLEY 718	R	7664	00	HONOLULU	2	21 20	157 46	995		47				2
PAUOA FLATS 784	R	7810	00	HONOLULU	2	21 21	157 48	1640		47				2
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		11				2
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	9	9				1 2 3 C
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20						C
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		24				2
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900						C
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		32				2
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40						C
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000						C
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		11				2
UNIV OF HAWAII 713	A	8815	00	HONOLULU	2	21 18	157 49	79		49				2
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		3				2
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		61				2 C
WAIAHOLE 837	A	8964	00	KOOLAUPOKO	1	21 28	157 53	745		58				2 C
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		52				2
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	3	3				1 2 3
WAIALUA 847	A	9195	00	WAIALUA	5	21 35	158 07	32	67	74				1 2 3 C
WAIANAE 798.2	A	9231	00	WAIANAE	4	21 27	158 11	10		79				2
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40						C
WAIANAE MAUKA 803	A	9238	00	WAIANAE	4	21 29	158 09	1575		69				2
WAIAWA 836	A	9261	00	EWA	3	21 28	157 56	800		58				2
WAIKANE 885	A	9340	00	KOOLAUPOKO	1	21 30	157 53	760		58				2
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	10	10				1 2 3
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180						C
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60						1 2 3
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120						C
WAIMEA 892	A	9593	00	WAIALUA	5	21 38	158 04	330		58				2 C
WAIPAHU 750	A	9738	00	EWA	3	21 23	158 01	59		76				2
WILHELMINA RISE 721	R	9980	00	HONOLULU	2	21 18	157 47	1100		47				2
ISLAND OF MOLOKAI														
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		10				2
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		20				2
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70						C
KEONELELE PFNS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		11				2
KUALAPUU 534	A	4778	00	MOLOKAI	1	21 09	157 02	878		75				2 C
MAPULEHU 542		6138	00	MOLOKAI	1	21 04	156 48	20		55				2
MAUNALOA 511	A	6190	00	MOLOKAI	1	21 08	157 13	1070		46				2 C
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	23	25				1 2 3
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10						C
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		12				2 C
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		10				2 C
ISLAND OF LANAI														
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		20				2 C
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		12				2 C
LANAI CITY 672	A	5286	00	LAHAINA	1	20 50	156 55	1620	41	45				1 2 3
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		12				2
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		20				2
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		12				2 C
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		20				2
ISLAND OF MAUI														
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		12				2

STATION INDEX

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ISLAND OF MAUI														
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050						C
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980						S
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				FEB		C
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		53				2
HALEAKALA RANCH 432	A	0999	00	MAKAWAO	1	20 50	156 19	1850		83				2
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	29	36				1 2 3
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	14	14				1 2 3 C
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		11				2
HAMAKUAPOKO 485		1086	00	MAKAWAO	1	20 55	156 21	320		91				2
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		12				2 C
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	24	24				1 2 3
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		26				2
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		11				2
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		10				2
HONOKOHUA 493	A	1887	00	LAHAINA	4	21 00	156 39	135		47				2
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125						S
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		39				2
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100						C
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	7	7				1 2 3
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650						C
KAHOMA INTAKE 374	A	2552	00	LAHAINA	4	20 54	156 38	2000		64				2
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	19	19				1 2 3 C
KAILIILI 436	A	2630	00	MAKAWAO	1	20 51	156 16	2520		50				2
KAILUA 446		2679	00	MAKAWAO	1	20 54	156 13	700	62	71				1 2 3
KAUAULA INTAKE 375	A	3433	00	LAHAINA	4	20 53	156 38	1585		56				2
KAUPAKULUA RES. 492.6		3561	02	MAKAWAO	1	20 55	156 18	640					FEB	C
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020						C
KEAHUA 410		3910	00	MAKAWAO	3	20 52	156 23	480		56				2
KEANAE 346	A	4091	00	HANA	1	20 50	156 10	980		70				2
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15		11				1 2 3 S
KIHEI 311		4489	00	WAILUKU	3	20 47	156 27	90		52				2 C
KIPAHULU 258		4634	00	HANA	1	20 39	156 04	260		74				2
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788						S
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		11				2 C
KULA SANATORIUM 267		5006	00	MAKAWAO	2	20 42	156 22	3004	37	57				1 2 3
LAHAINA 361		5177	00	LAHAINA	4	20 53	156 41	45	30	61				1 2 3 C
LAUNIUPOKO INTAKE 376	A	5404	00	LAHAINA	4	20 51	156 37	1280		61				2
LAUNIUPOKO VILLAGE 372	A	5408	00	LAHAINA	4	20 51	156 39	220		48				2
LUPI UPPER 442	A	5665	00	MAKAWAO	1	20 53	156 15	1240		77				2
MAHINAHINA 466	A	5715	00	LAHAINA	4	20 57	156 40	715		61				2
MOKUPEA 475		6521	00	LAHAINA	4	20 59	156 37	1290						S
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		37				2
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		57				2
OLOWALU 296		7059	00	LAHAINA	4	20 49	156 38	7		11				2
PAAKEA 350		7194	00	HANA	1	20 49	156 07	1260		70				2 C
PAIA 406		7566	00	WAILUKU	1	20 55	156 23	170		70				2
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		11				2
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		21				2
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		11				2
PUOHOKAMOA 2 343	A	8336	00	HANA	1	20 50	156 13	2980		46				2
PUUNENE 396		8543	00	WAILUKU	3	20 53	156 27	60		70				2
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160						S
SPRECKELSVILLE 400.2		8668	00	WAILUKU	3	20 54	156 25	85		67				2
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		11				2
UKULELE 333	A	8744	00	MAKAWAO	1	20 48	156 15	5230		69				2
UKUMEHAME 301	A	8750	00	LAHAINA	4	20 48	156 35	75		45				2
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		20				2 C
WAHIKULI 364	A	8955	00	LAHAINA	4	20 54	156 40	580		54				2
WAIEHU CAMP 484	A	9275	00	WAILUKU	3	20 55	156 31	320		65				2
WAIHEE VALLEY 482	A	9315	00	WAILUKU	4	20 57	156 32	300		58				2
WAIKAMOI 449	A	9332	00	HANA	1	20 52	156 12	1200		68				2
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		57				2 C
WAIKAPU 390	A	9376	00	WAILUKU	3	20 52	156 31	470		80				2
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630						S
WAILUKU 386	A	9484	00	WAILUKU	3	20 54	156 30	180	63	73				1 2 3
WAIOPAI RANCH 256	A	9765	00	HANA	2	20 38	156 12	220		76				2
ISLAND OF HAWAII														
AHUA UMI 75	A	0040	00	N KONA	5	19 38	155 47	5220		51				2
AWINI 182.1	A	0190	00	N KOHALA	1	20 10	155 43	1970		69				2
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15	4	4				2
EAST HONOKANE 183.2	A	0450	00	S KOHALA	1	20 07	155 43	4220		49				2
HAINA 214		0840	00	HAMAKUA	1	20 06	155 28	460	65	85				1 2 3 C
HAKALAU 142		0905	00	S HILO	2	19 54	155 08	105		83				2
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		42				2
HALEPIULA 117	A	1060	00	HAMAKUA	1	19 56	155 24	5770		60				2
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		35				2
HAWAII VOLCNS NP HQ 54		1303	00	KAU	2	19 26	155 16	3971	61	62				1 2 3 C

STATION INDEX

Station		Index No.	Division No.	DISTRICT	Drainage‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ISLAND OF HAWAII														
HAWI 168	A	1339	00	N KOHALA	1	20 14	155 50	500		75				2 C
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		4				2 C
HILO WSO 87 AP	R	1492	00	S HILO	2	19 43	155 04	27	28	32	19			1 2 34C
HOLUALOA 70	A	1557	00	N KONA	4	19 38	155 55	3220		46				2
HOLUALOA BEACH 68	A	1562	00	N KONA	4	19 37	155 59	14		54				2
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040						C
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		36				2
HONOHINA 137		1701	00	N HILO	2	19 56	155 09	300		81				2
HONOKANE 181.1	A	1864	00	N KOHALA	1	20 09	155 44	800		69				2
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		36				2 C
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		46				2
HUALALAI 72		2151	04	N KONA	4	19 42	155 52	8190		47				2
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	2020		71				2
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		36				2
KAAWALOA 29	A	2327	00	N KONA	4	19 30	155 55	1340		33				2
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700						C
KAINALIU 73.2		2751	00	N KONA	4	19 32	155 56	1500	39	44				1 2 3
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		8				2
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		20				2
KAMUELA 192.2		3077	00	S KOHALA	1	20 01	155 40	2670	38	84				1 2 3
KAPAPALA RANCH 36	A	3300	00	KAU	3	19 17	155 27	2140		88				2
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		12				2
KAWAINUI LOWER 193	A	3770	00	HAMAKUA	1	20 05	155 39	1080		64				2
KEAAU 92		3872	00	PUNA	2	19 38	155 02	285	12	12				1 2 3
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700						C
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8	59				1 2 3 C
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280						C
KEHENA 181.2	A	4245	00	N KOHALA	1	20 07	155 45	3840		63				2
KIOLAKAA A & F 6	A	4625	00	KAU	3	19 04	155 38	1925		45				2
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		22				2
KOHALA MAULILI 176	A	4675	00	N KOHALA	1	20 13	155 47	960		67				2
KOHALA MISSION 175.1		4680	00	N KOHALA	1	20 14	155 48	537	67	84				1 2 3
KOIAWE LOWER 196	A	4685	00	HAMAKUA	1	20 05	155 38	720		64				2
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	25	25				1 2 3 C
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		7				2
KUKAIAU 222		4815	00	HAMAKUA	1	20 02	155 21	840		79				2
KUKUIHAELE HIC 199		4928	00	HAMAKUA	1	20 07	155 35	980		65				2
KUKUIHAELE MILL 206	A	4938	00	HAMAKUA	1	20 08	155 34	300		84				2
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	15	26				1 2 3
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		23				2 C
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		27				2
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615						C
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		32				2
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650						C
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		3				2
MANUKA 2	A	6134	00	KAU	3	19 07	155 50	1760		45				2
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		3				2
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	18	19				1 2 3
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		32				2
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		10				2
MOAULA 18	A	6407	00	KAU	3	19 11	155 30	600		55				2
MOUNTAIN VIEW 91		6552	00	PUNA	2	19 33	155 07	1530	37	74				1 2 3
NAALEHU 14	A	6588	00	KAU	3	19 04	155 35	673	20	85				1 2 3
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		34				2
NIULII 179	A	6806	00	N KOHALA	1	20 14	155 45	75		89				2
OOKALA 223		7131	00	N HILO	2	20 01	155 17	430	54	84				1 2 3
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	16	17				1 2 3
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		11				2
PAAUHAU 217		7204	00	HAMAKUA	1	20 05	155 26	415		84				2
PAAUILO 221		7312	00	HAMAKUA	1	20 03	155 22	800		71				2
PAHALA 21	A	7421	00	KAU	3	19 12	155 29	870	64	82				1 2 3
PAHOA 65		7457	00	PUNA	2	19 30	154 57	670		64				2
PAKAO 37	A	7643	00	KAU	3	19 22	155 28	5000		45				2
PAPAIKOU 144.1		7711	00	S HILO	2	19 47	155 06	200		75				2
PAPAIKOU MAUKA 140.1		7721	00	S HILO	2	19 47	155 08	1270		48				2
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1800		50				2
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		38				2 C
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5		12				1 2 3
PUU KIHE 120	A	8343	00	HAMAKUA	1	19 54	155 24	7750		60				2
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		42				2
PUU LEHUA 73	A	8460	00	N KONA	4	19 34	155 49	4880		51				2
PUU MALI 113	A	8515	01	HAMAKUA	1	19 59	155 26	6960		42				2
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		9				2 C
PUU WAAWAA 94.1	A	8555	00	N KONA	5	19 47	155 51	2520		71				2 C
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		26				2
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		26				2 C
UMIKOA 118		8780	00	HAMAKUA	1	19 59	155 23	3420		81				2
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	16	18				1 2 3

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ISLAND OF HAWAII													
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		22				2
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830						C
PACIFIC													
EAST OF 180TH MERIDIAN 02													
CANTON ISLAND A	4101	02	PHOENIX IS		2 46	171 43	8	2	2				1 2 3
FAGA ALU RESERVOIR A	4135	03	AMER SAMOA		14 18	170 42	820		16				2
JOHNSTON WSO AP R	4320	01	LINE ISLANDS		16 44	169 31	7	17	18	12			1 2 34
LEONE A	4397	03	TUTUILA		14 21	170 47	20	7	7				1 2 3
FRENCH FRIGATE SHOALS	4401	07			23 52	166 17	6	17	16				1 2 3
LUMA VILLAGE	4424	03	TAʻU MANʻ		14 14	169 31	18		5				2
MIDWAY SAND ISLAND	4490	07			28 13	177 21	10	21	21				1 2 3
PAGO PAGO WSO AP R	4690	03	AMER SAMOA		14 20	170 43	12	8	8				1 2 3
SWAINS ISLAND	4822	01	AMER SAMOA		11 03	171 05	6	6	6				1 2 3
WESTERN PACIFIC ISL, NORTH OF 12 N													
ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35	144 55	605	19	19				1 2 3
CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11	120 33	475	20	20				1 2 3
#GUAM NAS	4226	03	MARIANNA IS		13 29	144 48	250	17	17				1 2 3
GUAM WSO R	4229	00	MARIANNA IS		13 33	144 50	361	17	17	14			1 2 34
MANGILAO	4468	03	GUAM		13 27	144 49	60		4				2
ROTA	4800	03	MARIANNA IS		14 08	145 09	47		13				2
SAIPAN USCG LORAN	4860	03	MARIANNA IS		15 08	145 42	9	15	15				1 2 3
WAKE WSO AP R	4901	00			19 17	166 39	11	26	32				1 2 3
CAROLINE AND MARSHALL ISLANDS													
ANGUAR	4030	02	CAROLINE IS		6 55	134 09	15		18				2
ENIWETOK	4165	00	MARSHALL IS.		11 21	162 21	13	18	21				1 2 3
FALALOP I, ULITHI	4185	02	CAROLINE IS		10 02	139 48	6	13	17				1 2 3
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05	154 48	7	6	11				1 2 3
KOROR WSO R	4351	00	CAROLINE IS		7 20	134 29	94	24	24				1 2 3
KWAJALEIN WSO AP R	4375	00	MARSHALL IS		8 44	167 44	8	21	21				1 2 3
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20	163 01	7	15	15				1 2 3
MAJURO WSO AP R	4460	00	MARSHALL IS		7 05	171 23	10	18	19				1 2 3
METALANIM	4482	02	PONAPE		6 51	158 19	30	7	7				1 2 3
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41	159 47	10		12				2
NGASANG, BABELTHUAP	4580	01	PALAU ISLAND		7 38	134 39	10		14				2
PONAPE WSO R	4751	00	CAROLINE IS		6 58	158 13	123	23	23				1 2 3
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20	153 44	9						2
TRUK, MOEN I, WSO AP R	4851	00	CAROLINE IS		7 28	151 51	5	23	24				1 2 3
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23	143 55	7	6	6				1 2 3
YAP WSO AP R	4951	00	CAROLINE IS		9 29	138 05	44	25	25				1 2 3

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1931-1960. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

STATION NAMES Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record.
- \+ Also on earlier date (dates) or months.
- * Amount included in following measurement.
- A The letter "A" shown following station name, (Table 2 and Station Index): Amounts carried in the monthly "Precipitation" column are for the period from last measurement of a preceding month through the last measurement of the current month. See Daily Precipitation Table of the monthly Climatological Data for the dates of measurement. Measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- # Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH-CENTRAL 4-WESTERN 5-NORTH-CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the December issue.

Years of record as shown in the Station Index are approximate since gaps in the records may not have been considered in arriving at the totals shown.

The four-digit identification numbers in the Index are assigned on an island basis. There will be no duplication of numbers within an island.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls

General weather conditions in the U.S. for each month are described in the MONTHLY WEATHER REVIEW, CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA The first may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, while the latter two may be obtained from the National Climatic Center, Federal Building, Asheville, N.C. 28801.

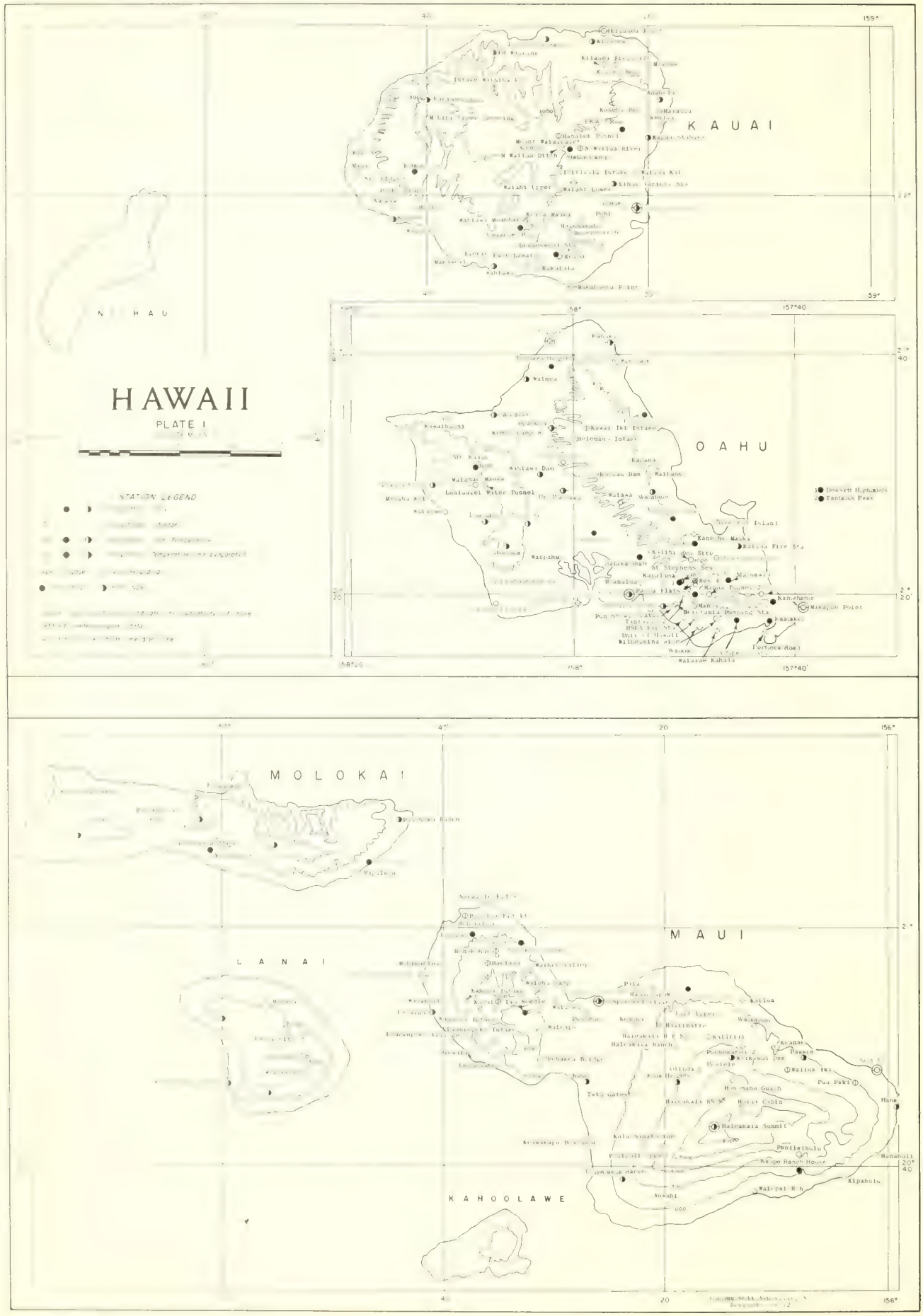
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

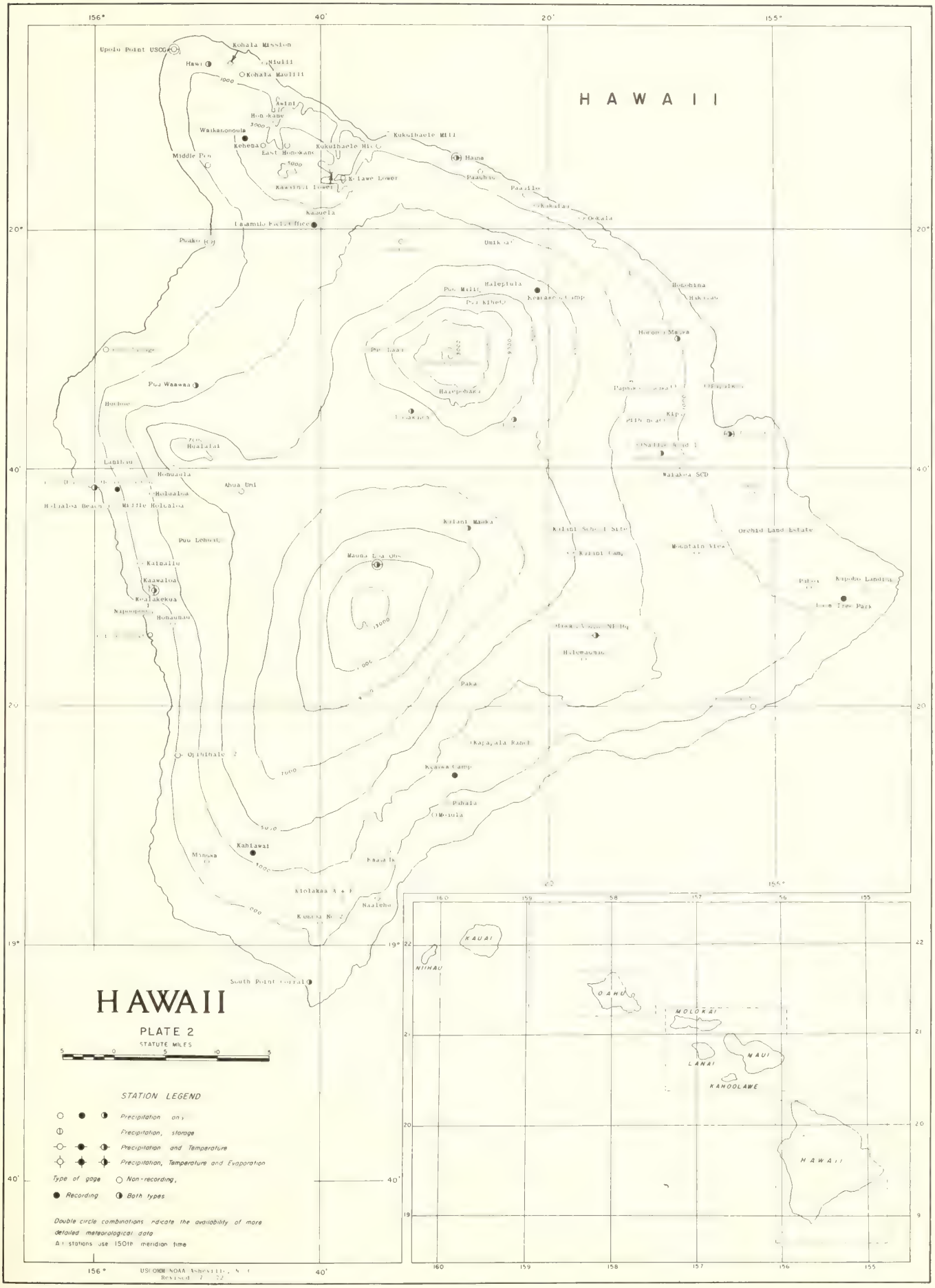
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

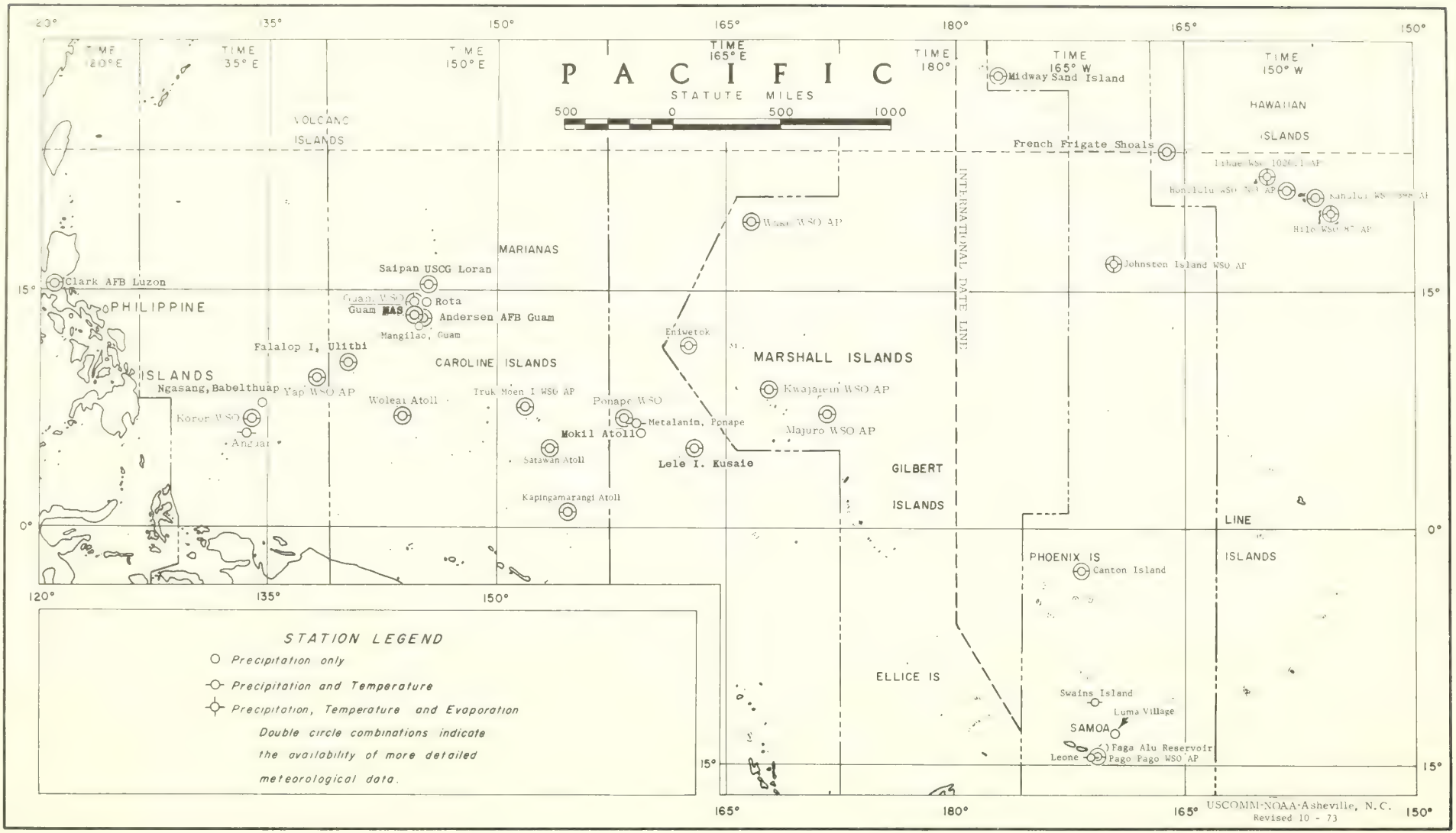
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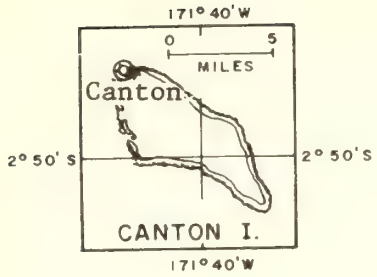

HAWAII
PLATE I
STATION LEGEND
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE

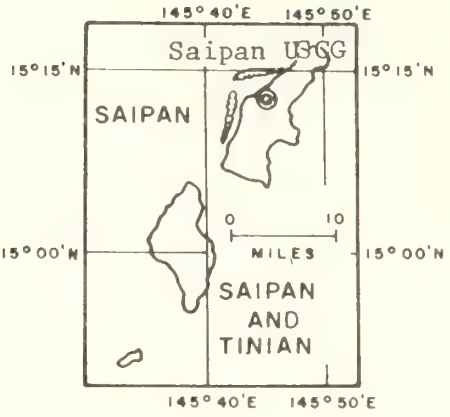


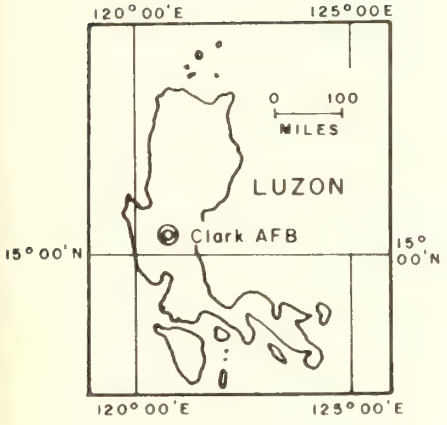
HAWAII

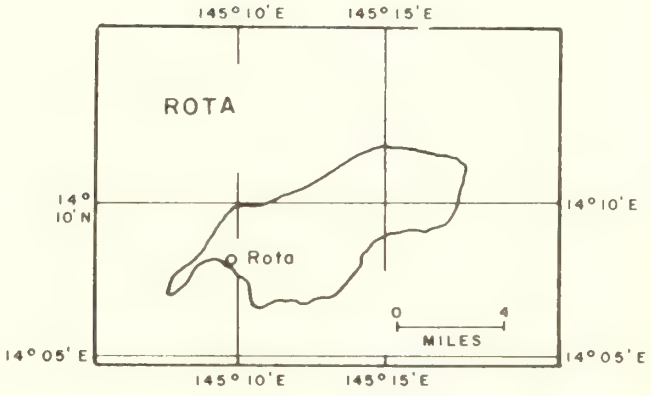
PLATE 2

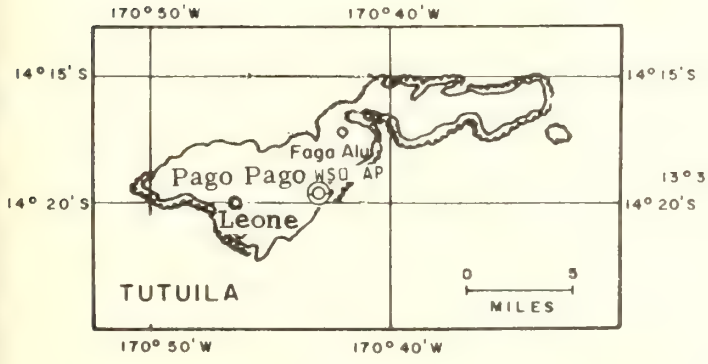

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
PHILIPPINE ISLANDS
CAROLINE ISLANDS
MARSHALL ISLANDS
GILBERT ISLANDS
ELLICE IS
PHOENIX IS
LINE ISLANDS
HAWAIIAN ISLANDS
SAMOA
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
Johnsten Island WSO AP
Clark AFB Luzon
Saipan USCG Loran
Guam WSO
Guam MAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Yap WSO AP
Ngasang, Babelthuap
Koror WSO
Angaur
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Kapingamarangi Atoll
Lele I. Kusaie
Eniwetok
Kwajalein WSO AP
Majuro WSO AP
Canton Island
Swains Island
Luma Village
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

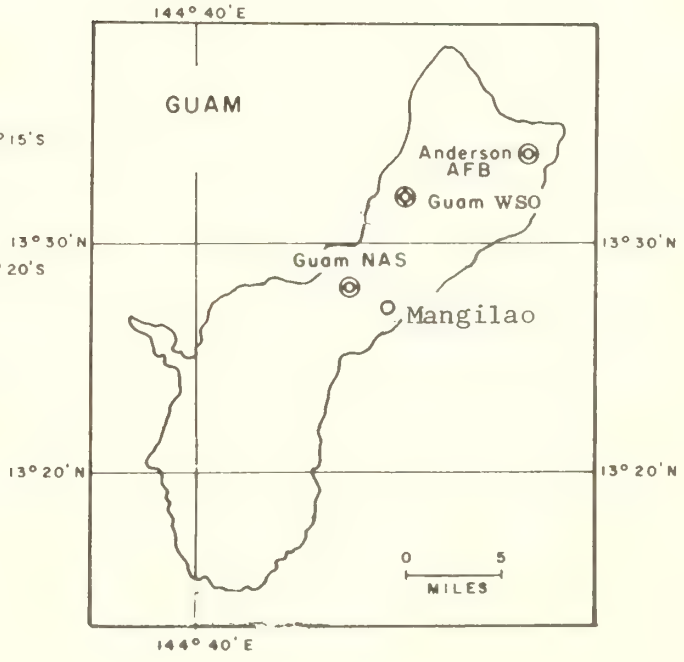

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

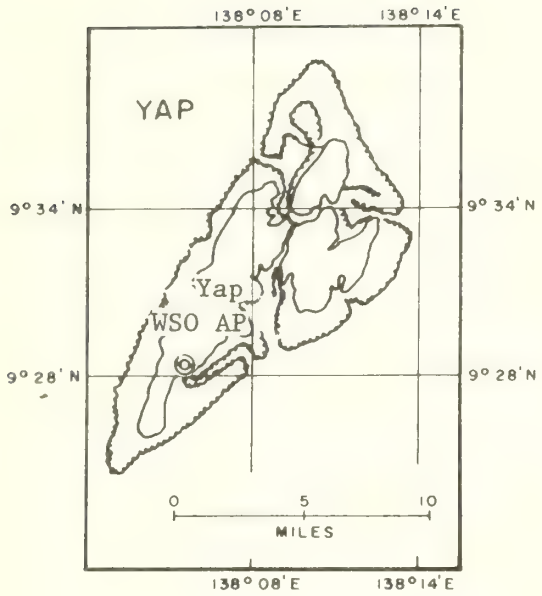

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

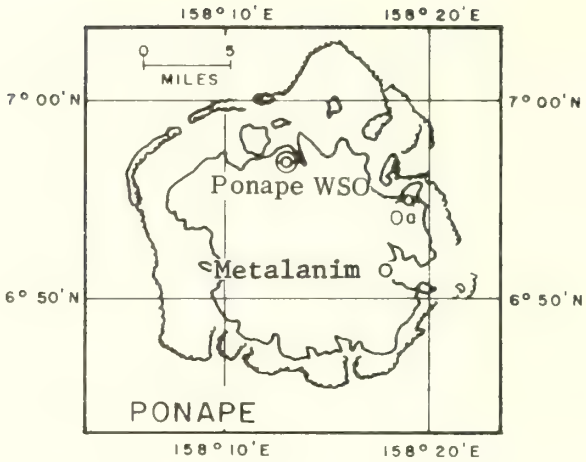

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

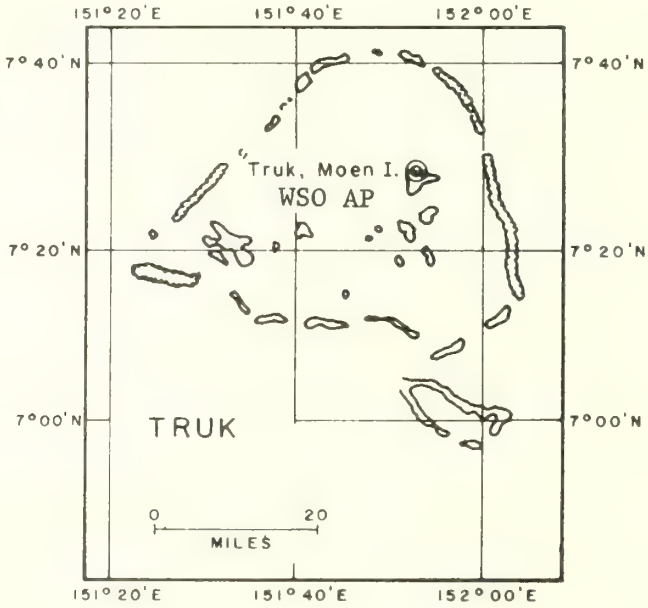

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

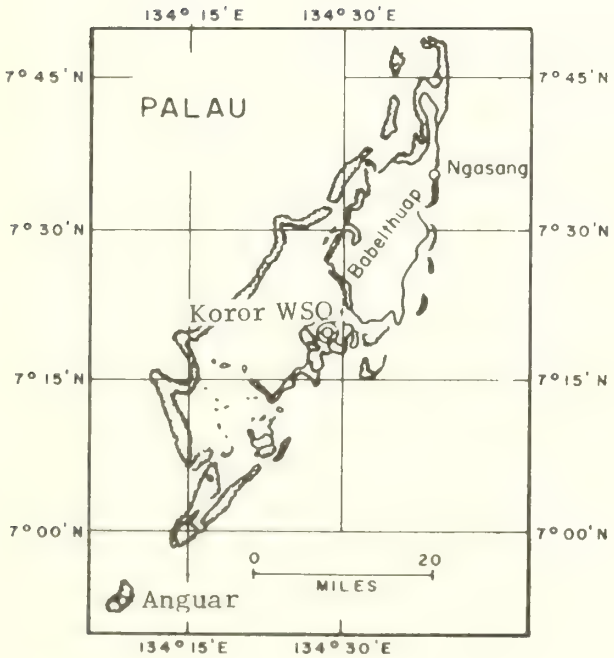

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

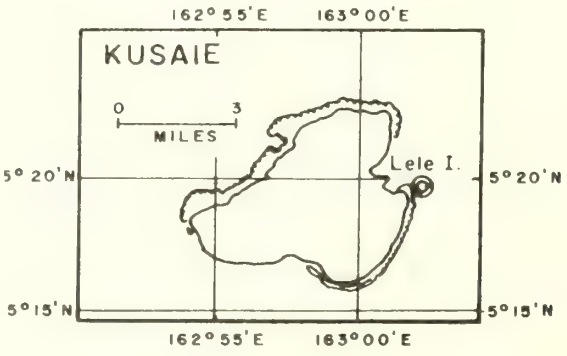
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

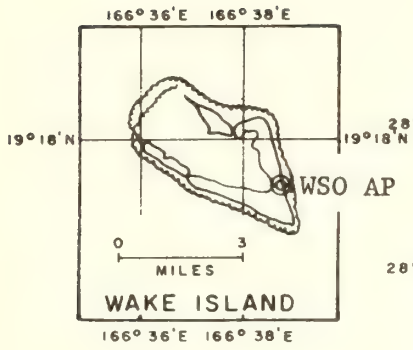

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Metalanim
PONAPE

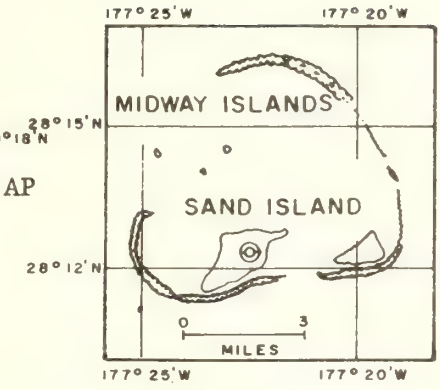

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

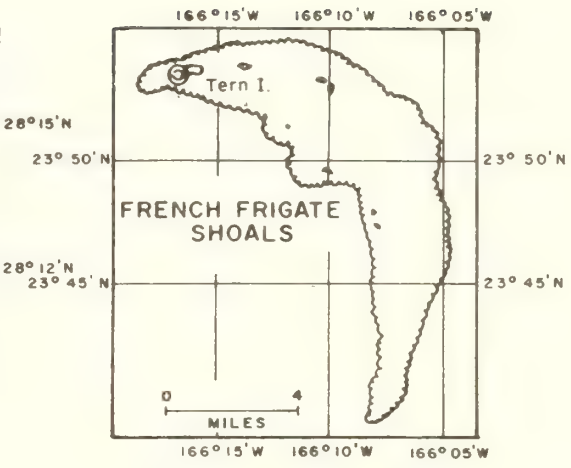

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

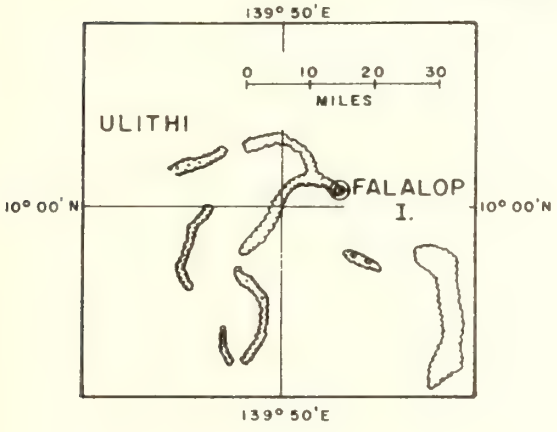

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

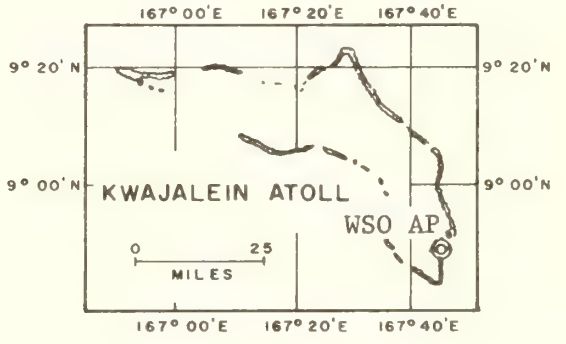
— Reef

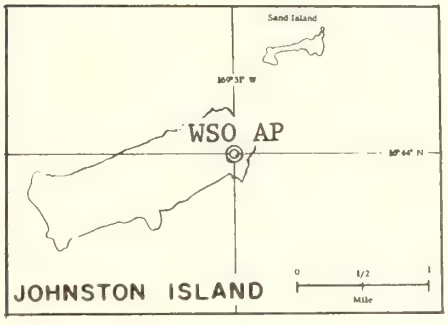

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

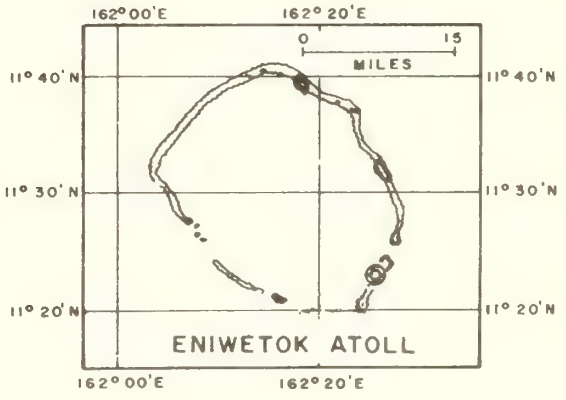

177° 25'W
177° 20'W
28° 15'N
MIDWAY ISLANDS
SAND ISLAND
28° 12'N
0
3
MILES

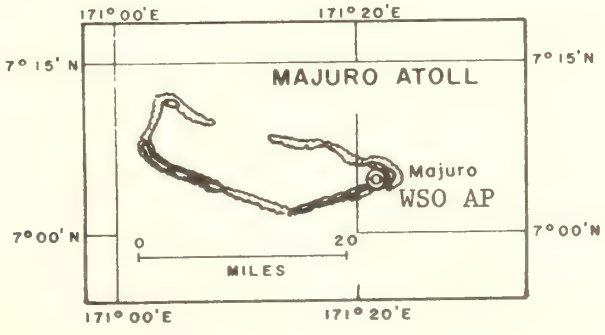

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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JANUARY 1974 Volume 70 Number 1

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

HAWAIIAN STATIONS ONLY

HIGEST TEMPERATURE		
PAHALA 21, HAWAII	89 DATE	9
LOWEST TEMPERATURE		
MAUNA LOA SLOPE OBS, HAWAII	26 DATE	26
GREATEST TOTAL PRECIPITATION		
MOUNT WAIALEALE 1047, KAUAI	38.25	
LEAST TOTAL PRECIPITATION		
MAUNA KEA OBS 111.2, HAWAII	.17	
GREATEST 1 DAY PRECIPITATION		
HANA AIRPORT 355, MAUI	9.26 DATE	31

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE, N.C.

SUPPLEMENTAL DATA

HAWAII AND PACIFIC
JANUARY 1974

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	21	NE	27	-	75	74	87	3	7	7	1	1	0	19	46	-
HILO, HAWAII, WSO AP	17	1.2	5.8	24	SE	31	84	81	67	83	6	2	7	0	0	1	16	56	6.4
HONOLULU, OAHU, WSO AP	23	2.8	9.6	25	NE	23	87	86	72	80	4	11	5	4	0	0	24	53	7.1
JOHNSTON ISLAND WSO AP	12	4.4	11.5	28	E	23	77	77	65	73	1	5	1	0	0	0	7	89	2.7
KAHULUI, MAUI, WSO AP	18	5.1	12.3	36	SW	12	83	83	71	79	2	4	11	1	2	1	21	46	6.4
KOROR WSO AP	-	-	-	34	SW	09+	89	-	83	77	1	5	11	4	3	3	27	42	9.3
KWAJALEIN WSO AP	7	7.6	10.6	23++	9	06+	82	81	73	78	3	9	3	3	2	1	21	-	6.6
LIHUE, KAUAI, WSO AP	23	3.6	11.5	31	SW	01	87	85	74	85	4	9	7	4	0	0	24	46	7.4
MAJURO WSO AP	-	-	-	24	E	31+	80	80	77	77	3	5	12	6	2	0	28	62	8.2
PONAPE WSO AP	-	-	-	18	E	02	89	-	72	75	2	6	5	3	4	0	20	52	6.9
TRUK,MOEN I, WSO AP	-	-	-	27	NE	27	83	-	73	73	4	3	3	4	5	0	19	69	8.2
WAKE WSO AP	25	1.4	12.9	40	NE	09	79	82	66	73	3	3	6	0	0	1	13	-	5.1
YAP WSO AP	-	-	-	22	NE	16	88	-	80	79	5	6	9	5	2	1	28	41	8.5

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1974

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																								
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														6.38		1.40	31	.0	0				
KANALOHULUHULU 1075		62.8	52.1	57.5		67	24+	41	11		0	0	0	□	25.45		3.54	1	.0	0		24	14	10
KAPAA STABLES 1104	A														6.21		1.30	31	.0	0				
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133		81.3M	68.2M	74.8M		86	13	65	14+		0	0	0	0	6.85		3.03	30	.0	□		14	3	1
KOLOA 936	A														11.29				.0	0				
LIHUE WSO 1020.1 AP	//R	79.8	69.0	74.4	3.2	83	31+	61	10		0	0	0	0	5.59	- .65	.99	6	.0	0		11	4	0
MANA 1026		80.5	65.2	72.9	2.2	84	24+	59	31+		0	0	0	0	6.51	1.57	1.32	7	.0	0		14	■	1
N WAILUA DITCH 1051	A														27.77				.0	0				
PH WAINIHA 1115															14.27	1.26	3.34	31	.0	0				
PUEHU RIDGE 1040															10.90	4.27	2.02	7	.0	0				
WAHIAWA 930	A														■.66	3.86			.0	0				
WAIAHI LOWER 1054		73.2	56.3	64.8		79	16	52	11+		0	0	0	0	18.■■	7.80	2.96	14	.0	0		22	16	5
WAIMEA 847															■.36	3.78	2.42	7	.0	0				
ISLAND				68.9											12.12				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		81.5	67.3	74.4		86	17	62	10		0	0	0	0	7.80		3.20	27	.0	0		12	5	1
HONOLULU OBSERV 702.2															5.20		1.29	7	.0	0		11	3	1
HONOLULU WSO 703 AP	R	80.5	68.5	74.5	2.2	83	27+	60	28		0	0	0	0	4.21	- .19	.85	11	.0	0		9	4	0
KANEOHE MAUKA 781		78.7M	68.7M	73.7M	2.6	83	21+	64	28+		0	0	0	0	15.96	8.07	3.44	12	.0	0			8	3
KOOLAU DAM 833	■														16.63		3.00	24	.0	0		20	11	6
LUALUALEI 804	A	80.7	66.2	73.5		88	13+	60	30+		■	0	0	0	7.87				.0	0				
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															15.22		1.84	27	.0	0		21	14	3
OPAEULA 870	A														10.02				.0	0				
PALOLO VALLEY 718	R														13.12	2.27	2.84	31	.0	0		20	8	■
PRI WAHIAWA 820.2	A	79.2M	62.3M	70.8M		83	21+	57	29+		0	0	0	0	10.88				.0	0				
WAHIAWA DAM 863	A														10.88				.0	0				
WAIAHOLE 837	A														19.55				.0	0				
WAIALEE 896.3		79.4	67.7	73.6		83	18	62	13		0	0	0	0	6.94		1.27	30	.0	0		15	7	1
WAIALUA 847	A	79.9	64.2	72.1	2.0	87	18	58	28+		0	0	0	0	9.84	4.85	2.11	2	.0	0				
WAIKIKI 717.2		81.8M	67.4M	74.6M		84	28+	60	10		0	0	0	0	4.12		1.24	7	.0	0		7	3	1
WAIMANALO EXP FARM		79.1M	68.0M	73.6M		83	21	62	28+		0	0	0	0	11.23		2.43	7	.0	0		17	8	5
WAIPAHU 750	A														9.67				.0	0				
ISLAND				73.4											10.54				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														7.51		1.82	7	.0	0				2
MAPULEHU 542																								
MAUNALOA 511	M														8.56				.0	0				
MOLOKAI AP 524			66.9	M				62	11+		0	0	0	0	7.73		1.30	7	.0	0		16	5	2
ISLAND				.0											7.93				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	73.3M	62.0M	67.7M	1.9	80	18	57	11		0	0	0	0	11.28	5.34			.0	0				
ISLAND				67.7											11.28				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														15.59		4.85	31	.0	0		16	7	■
HALEAKALA RS 338		58.5	44.1	51.3	.3	65	17	37	28+		0	0	0	0	12.58	4.35	3.11	31	.0	0		9	5	■
HANA AIRPORT 355		81.8M	65.6M	73.7M		88	16	62	31+		0	■	0	0	11.45		9.26	31	.0	□				1
HONOKOHUA 493	A														8.38				.0	0				
KAANAPALI AIRPORT		78.9M	67.3M	73.1M		81	27+	34	21		0	0	0	0	7.10		3.06	7	.0	0		10	5	1
KAHULUI WSO 398 AP	R	79.3	68.3	73.8	2.1	82	26+	60	22		0	0	0	0	9.00	5.41	3.11	31	.0	0		15	4	3
KAILUA 446		M	M	M		85	16	60	30		0	0	0	0	16.30	7.19	8.70	31	.0	0				
KEANAE 346	A														24.72				.0	0				
KIPAHULU 258															13.90	4.48	2.01	7	.0	0		20	11	6
KULA SANATORIUM 267		70.4	58.6	64.5	3.0	76	12+	52	26		0	0	0	0	15.03	9.39	2.83	7	.0	0		20	10	■
LAHAINA 361		82.8	67.4	75.1	3.6	87	24+	63	29		0	0	0	0	5.46	1.76	1.68	7	.0	0		10	3	1
PAIA 406															7.70	3.69	3.46	31	.0	0		12	3	2
WAILUKU 386	A	M	M	M		86	18	61	11		0	0	0	0	15.79	10.91	6.72	31	.0	0				
ISLAND				68.6											12.54				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		80.2	65.2	72.7	3.0	86	17+	60	27		0	0	0	0	4.81	.05	2.02	24	.0	0		6	3	2
HAWAII VOLCNS NP HQ 54		69.0	52.6	60.8	2.9	77	16	47	30+		0	0	0	0	6.12	- 4.49	3.45	24	.0	0		13	1	1
HILO WSO 87 AP	R	83.3	65.6	74.5	3.3	88	19+	63	31+		0	0	0	0	5.88	- 3.19	3.63	23	.0	0		8	1	1
HUEHUE 92.1	A														6.16	2.03			.0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1974

STATION		TEMPERATURE													PRECIPITATION								
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
KAINALIU 73.2		76.8	61.6	69.2		80	9	58	28		0	0	0	0	9.67	5.60	4.53	22	.0	0		8	5	3
KEAAU 92		81.3	63.2	72.3	2.0	87	16+	59	31		0	0	0	0	5.56	- 7.00	2.33	24	.0	0		7	3	1
KEALAKEKUA 26.2															5.73				.0	0				
KONA (KAILUA) 68.3	A	81.2M	66.8	74.1M		84	21+	63	13+		0	0	0	0	4.96		2.30	22	.0	0				1
KPK (HAELE HIC 199															3.73	- 1.97	1.68	24	.0	0		7	2	1
KULANI CAMP 79		65.5	46.7	56.1		72	16+	42	31+		0	0	0	0	8.76		4.58	24	.0	0		8	4	2
PAHALA 21	A	80.9M	61.6M	71.3M	2.2	89	9	58	30		0	0	0	0	3.73		.94	1	.0	0		8	3	0
POHAKULOA 107	A														3.29				.0	0				
PUAKO 95.1	A	80.3	65.8	73.1		83	23+	62	30+		0	0	0	0	2.21		1.06	5	.0	0		2	2	1
PUU WAAWAA 94.1	A														11.37	8.14			.0	0				
UMIKOA 118															5.35	- .63	3.37	24	.0	0			2	1
WAIAKEA SCD 88.2															8.98		3.48	24	.0	0		9	4	2
ISLAND				69.3											6.02				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JANUARY 1974

STATION		TEMPERATURE													PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																								
* * * EAST OF 180TH MERIDIAN																								
CANTON ISLAND		88.1	74.9	81.5		91	21+	72	15+		10	0	0	0	.00		.00		.0	0		0	0	0
JOHNSTON WSO AP	R	81.5	74.1	77.8		84	5	70	1		0	0	0	0	.33		.12	7	.0	0		1	0	0
FRENCH FRIGATE SHOALS		77.2	64.5	70.9	- .5	82	30	60	19+		0	0	0	0	9.55	4.68	2.45	19	.0	0		13	7	3
LUMA VILLAGE															8.63		.98	28	.0	0		18	7	0
MIDWAY SAND ISLAND		72.0	61.9	67.0	1.3	77	19	57	21		0	0	0	0	8.80	4.22	1.22	23	.0	0		17	8	2
PAGO PAGO WSO AP	R	86.5	74.6	80.6	.3	89	26	71	26+		0	0	0	0	9.26	3.01	2.33	23	.0	0		17	4	2
SWAINS ISLAND		84.8		M		90	20+				2	0					3.77	15	.0	0		22	11	9
* * * WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		82.2	75.5	78.9	.7	84	31+	72	16+		0	0	0	0	5.64	.77	1.68	7	.0	0		8	3	2
CLARK AFB LUZON		83.2	66.7	75.0	2.8	90	25+	61	15		2	0	0	0	.17	- .42	.11	26	.0	0		1	0	0
GUAM NAS		83.7	75.1	79.4	.0	87	7	71	25		0	0	0	0	2.76	- 1.80	.63	6	.0	0		7	3	0
GUAM WSO	R	83.9	70.9	77.4	.1	87	13+	63	25		0	0	0	0	4.27	- .89	1.74	7	.0	0		9	2	1
MANGILAO															4.51		1.42	10	.0	0		6	4	1
ROTA															13.93		4.20	8	.0	0		16	8	6
SAIPAN? USCG LORAN		85.8		M		89	28+				0	0			4.04		1.63	7	.0	0		5	3	2
WAKE WSO AP	R	82.0	71.2	76.6	- .4	85	12+	66	10		0	0	0	0	4.25	3.17	2.28	9	.0	0		7	1	1
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															39.50	28.81	8.79	8	.0	0		17	15	13
ENIWETOK		87.7	74.1M	80.8M	- .2	95	17	70	28+		8	0	0	0	6.82	5.72	2.30	23	.0	0		11	5	1
FALALOP I, ULITHI																			.0	0				
KAPINGAMARANGI ATOLL		87.4	75.7	81.6		90	30+	72	29+		3	0	0	0			.22	1	.0	0		2	0	0
KOROR WSO	R	86.9	75.1	81.0	- .2	91	1	70	16		2	0	0	0	28.13	17.34	13.72	16	.0	0		21	10	6
KWAJALEIN WSO AP	R	86.0	77.2	81.6	.4	87	31+	74	22+		0	0	0	0	8.74	5.00	2.23	9	.0	0		9	6	3
LELE I, KUSAIE		87.0M	74.0M	80.5M	- .9	92	29	69	15		4	0	0	0					.0	0				
MAJURO WSO AP	R	84.0	75.8	79.9	- .9	86	31+	74	23+		0	0	0	0	11.09	2.13	1.94	4	.0	0		20	8	2
METALANIM		86.6	75.3	81.0		93	17	70	5		1	0	0	0	11.87		2.12	7	.0	0		14	8	6
MOKIL ATOLL																			.0	0				
NGASANG,BABELTHUAP																			.0	0				
PONAPE WSO	R	88.1	71.4	79.8	- .8	91	14+	66	12+		3	0	0	0	10.66	- 1.09	1.61	23	.0	0		12	7	4
SATAWAN ATOLL																	1.70	31	.0	0		5	2	1
TRUK, MOEN I, WSO AP	R	87.3	75.0	81.2	.2	89	21+	71	18		0	0	0	0	10.23	1.64	1.85	1	.0	0		12	9	5
WOLEAI ATOLL		88.5	73.9	81.2		90	31+	71	13		11	0	0	0	11.23		2.32	26	.0	0		17	6	4
YAP WSO AP	R	85.2	73.4	79.3	- 1.1	87	30+	70	25		0	0	0	0	11.84	3.40	2.62	9	.0	0		17	8	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

JANUARY 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
IS AND OF HAWAII																																
KAHAOLA 1114	A	6 78	K	K	21		K	K	1 05					K	K	70	.13			1 25	K	K	1.20			.10	.07	K	K	.09	.05	.11	1.40
BROESAMOL STA 885	A	.5 11	K	K	1 14	46	K	K	1 82	18	27	T		02	K	K	3.07	1.58		73	01	1 00	K	K	.17	.02	.17	1 38	.18	K	K	.02	.06	1.82	1.02
EAST MAUI 814	H	16 41	K	K	80	.02	K	K	1 71	42	11			01	K	K	3.75	86		.74	.02	.78	K	K	.09	.13	.12	1.02	.10	K	K	.02	.63	.32	.76
ELEELE 927	A	11 24	K	K	72	27	K	K	1 75	34	17			06	K	K	3.15	.51		.87	.01	.84	K	K	.06		.06	.70	.06				.10	.38	.98
HANAPEPE 231	A	5 64	K	K	51				1 35					K	K	.89	.12			1.19	K	K	.95			.09		K	K	.20	.07	.06	1.30
WAIMANALO 1026	A	12 31	K	K	K	K	K	K	1 74	08	22	02	03	K	K	3 28	1.36		54	14	95	K	K	.12	.04	.60	.50	.06	K	K	.82	.19	.02	1.32
WAIPIO 945		8 66		36	26	08			2 11	.11	27		10	K	K	2.55	1.00		.53		.38										.34	.28	.35
KILAUEA INTAKE 1065	A	28 80	K	K	1 72	.06	K	K	3.60	.08	95	.01	22	K	K	7.85	2.40		.22	10	1 20	K	K	.29	1.25	.07	1.75	.61	K	K	1.92	1.04	.83	3.52
INTAKE WAINIHA PC 1088	A	22 10	K	K	1 76	K	K	K	K	K	2 95	K	36	K	K	2.37	K		K	K	2 87	K	K	K	K	.34	2.59	.20	K	K	K	K	1.00	5.86
KAHALUU 1035		25 46	3 54	21	51	33	12	10	3 32	58	1.57	01	11	2 26	1 42	2.56	1.53		2.05	01	1.26	.12		.13	.24	.01	.32	.03	.02	.31	.05	.76	.50	1.45
KANEHA RESERVOIR 1092	H	11 .3	K	K	47	56	K	K	1 40			06	02	K	K	85	.13		.08		1.10	K	K	1.50		.25	.39	.11	K	K	.60	.87	.45	3.10
KAPAA STABLES 1104	A	8 21	K	K	47		K	K	1 20		03			K	K	1 02	.13				1.07	K	K	.50		.05	.22	.02	K	K	.15	.02	.03	1.30
KEALIA 1112	H	6 .4	K	K	18		K	K	1 26				01	K	K	.75	.08				1 20	K	K	.85			.31	.01	K	K	.20	.19	.11	1.00
KEKAHA 944		7 .1		50	04	02		04	1 76	10	.12		04	1 00	.96	46	.80		.20		.33		13								.57	.11	.20
KILAUEA 1134	A	8 81			02	04				98	07	.10	.11			37			.06		.36			.09	.10	.10	.30	.20			.21	.02	.37	3.30
KIHEI AIRPORT 1130	A																															
KIHEI AIRP ANNX 1133		6 85				03		46	20	10		14	17		.10	.13	.04		.44	06	.10					.45	.15	.03		.04		.50	3.03	.13
KIHEI 1131		7 24		87	.04	.31	24	07	1 32	06	28		06	88	.72	.54	.12	.23		1.03	.08										.05	.04	.29
KOLOA 936	A	11 29	K	K	1 50	02	K	K	1 87	25	.15		02	K	K	3.63	82	.70		1.02	K	K	.05	K	K	K		K	K	.11			1.15
KOLOA MAUKA 994	A																															
KONOKI RES 1137	A																															
KPA 1 A 935	H	3 54	T	K	89	T	K	K	2 00	24	12		01	K	K	2.55	.34	.70		.81	K	K	.08		.05	.47	.13	K	K	.05	.03	.05	1.02
LIHUE VARIETY STA	H	8 97	T	K	1 12	08	K	K	1 83		14		10	K	K	1 85	.48	.03		1.21	K	K	.14		.31	.23	.26	K	K	.05		.36	.77
LIHUE 1022	H	5 15	K		75	01	01	K	K	10	.01	.20	08	K	K	1 83	.45	.05	.08	.98	K	K	.06			.18	.01	K	K	.14	.14	.04	.80
LIHUE WSO 1020 1 MF	R	6 58	93	.08	01	.06	05	99	T	06		T	.74	.17	.77	.21	.08		.70	21	.01			T	.02	.04			.31	T		.41	.28
MAKAWEHA POINT 940 1		8 45	63	.22			25	02	1 96	18	11		14	62	77	.83	.32	.74	.08	57	.05	.05				.21	.08	.02				.04	.90
MAKAWELI 865	A	8 93	22	48	01	23	03	01	1 61	K	16	.01	10	1.14	89	.39	.45	54		.70	.01	.15				.50	.02					.14	1.02
MANA 1026		6 51	53		27	03		18	1 32	03	28		05	87	.70	.41	.18	.17		.42	.14	.02		.39		.03				.28		.07	.34
MANINI RR BRDG 1 83	A	27 14	46	48	37	09	18	2 76	46	1 56	.18		1.93	1 47	2.30	2.85	2.67	.28	.82		.37		.28			.43	.60		.09		.26	.09	2.72	1.54
MAUNA LANI 1146	A	6 04	K	K	12		K	K	1 22		01		10	K	K	45	15			1.16	K	K	.35			.12	.09	K	K	.17		.35	1.75
MOUNT WAIALEALE 1047	R	38 25	2.87	31	12	35	20	2 72	35	1 38			1.50	1.06	1.81	2.48	.71	.08	1.14	.28	.67		1.65	.08	1.02	2.91	.04	3.11	1.46	1.57	.08	3.78	3.62
NIU RIDGE 1035		8 18	K	82	10	04		22	1 54	15	.32		10	1.40	.35	K	K	1.05		K	K	.73		51			.01			.32		.13	.40
NAILI A GULCH 1051	A	27 27	K	K	1 76	K	K	K	4 48	15	1 47		16	K	K	5.75	.84	.48	.05	1.13	K	K	.65	.87	.08	1.32	.62	K	K	2.53	.56	.32	4.45
PH WAININHA 1115		22 62	K	K	1 24	01	K	K	2 36	.40	1 19	T	25	K	K	.75	.37	16		.32	K	K	.06	K	K	2.17	.18	K	K	.11	.13	1.13	3.34
PENEVEI E RANCH 1117		7 91		02			K	K	1 24	24	13		21	K	K	.42	.20	.04		.53				12	.09	.66	.24	K	K	.27		.82	2.68
PUHI RIDGE 1040		10 90	K	1 15	.20	03		21	2.02	20	.46		14	1.60	1.20	.50	.70	.98		.50		.21		.05							.07	.31	.48
PUHI 1013	A	8 58	K	K	1 08	02	K	K	1 86	.10	08			K	K	2 93	.18	.58		.58	K	K	.03	K	K	K		K	K	.02		.04	1.08
RESERVOIR 6 1004	A																															
WAIAHA 330	A	2 66	K	K	80	06	K	K	1 60	47	17		01	K	K	3 00	.38	.77	T	.65	K	K	.09			.06	.45	.10				.10	.28	.68
WAIAHI UPPR 1054		18 38	81	10	05	01	63	15	1 92	.05	.55		15	1.01	.80	2.96	.85	.09	.09	.95	.15	.04		.55	.31	.80	.67	.65	1.53	.63	.03	.24	1.58
WAIAHI UPPER 1052		28 08	1 30	.26	05	03	70	.20	2 60	09	90			2 55	1 20	2.50	2.30	.20	.02	1.05	.17	.09		1.30	.05	1.80	.55	.81	.90	.78	.40	2.56	2.55
WAIAWA 941		7 67	1 28	28	08			26	1.75	10	13		06	.85	1.06	.39	.57	.13		.41	.05	.13			.02					.11	.04	.07	.20
WAIL A KAI 1065	A	6 91	K	K	60	12	K	K	1 43	.03	02			K	K	1.60	.39	.04		1.23	K	K	.32		.03	.12	.05	K	K	.03			.90
WAIMEA 947		8 36	60	33	04				2 42	10	.15		10	K	K	2.21	.92	48		.34											.14	.32	.31
WEST LOCH 931	A	10 73	K	K	65	02	K	K	1 84	31	12	T	01	K	K	2 74	.37	.73	T	.66	K	K	.07	T	.03	.64	.14			T	.38	.89	.78
KAHOOLAWE																																
IS AND OF OAHU																																
BERETANIA PUMPING STA		7 78	12	32	06			45	1 79	.08	47			63	63	.73	03	T					T	.10		.45	T		.03	.05	.02	.42	1.40
CAMPBE. IND BK 702 5		4 38	80	23	08			51	1 79	13	13			79		.18	.02	.19		.22				.16						.10			.05
HMS 84 807	A	10 17	K	1 27	19	K	K	K	1 82	87	55		K	K	K	2 10	51	.55	02	.21	K	K	K	.66	K	.18	K	K	K		K	.42	.25
SH RCH CO. EGE .AIE		7 83	90	11	01	T		01	74	25	14			.68	01	.06	10	T		.18	T		T	T		.23	.01	.02	3.20	.01		.80	.25
KAPUAI 15.AND 840 1		9 28	49	.13				38	1 19	15	25			2 10	.25	.38	1.09	.09		.06			.01	.09	.04	.15	.05	.02	.23	.44	.03	1.55	.12
EWA PLANTATION 741		5 67	85	25	08				1 68	.16	12			.98		.21	.14	.30	.05	.02					.63		.04				.03		.13
HELEMANO INTAKE 881	A	17 47	K	K	K	K	K	K	9 05	K	K	.62	K	K	K	2.56	K	K	1.66	K	K	K	.15	K	K	K	K	K	K	1.22	K	1.22	K
HPP .3A 724 2	H	11 .3	K	K	K	K	K	K	4 80	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	6.12	.31	K	K	K
HONOLULU 30DEPT 704 2		5 23	.84	.22	.08	T		37	1 29	23	.35			90		.42	02	.10		T	T	T		.08		.03				.12			.15
HONOLULU WSO 703 MF	R	4 21	58	15	T		01	62	75	44	01		85	01	.18	.02	.01	T	T		.03		.09	.04	.10	.06				.07	T	.04	.15
HONOLULU SUBSTA 764	R	4 29	18	08			43	66	62	.10			45	.05	10	05								.08			.25	.03	.03		.47	.10	.42
H S P A EXP STA 707		5 77	04	41	08			43	1 52	19	41			68		.08	.03			T		02		.10	.07	.35	.04		.09	.01	.03	.72	.47
KAENA POINT 841.3		15 40	K	1 87	05	01	K	K	1 16	16	12	K	01	K	K	92	.19	K	08	.31						.03	K	K	K	1.94	K	K	.84
KAHANA 883	A	20 06	K	K	6 68	K	K	K	1 72	K	K	K	K	K	K	4 18	K	K	K	K	K	K	1.68	K	K	K	K	K	K	5.80	K	K	K
KAHUKU 912	A																															
KAILUA FIRE STA 781.3		7 21	60	59	02				2.28		04			1 29			.70	.03		1.20				.11		.16			.06	.05	.08	
KAIHI 6FC SITE 777	R	13 30	78	26	02		26	1.60		98	48	04	1 30	32	.84	.32	82	.36	.06	.28	.04	.02	.08	.08	.06	.52	.08	.40	1.00	.12	.44	.52	1.22
KANEOHE MAUKA 781		15 96	44	92	05			63	1 91	20	45			3 44	.39	.78	.78	.75	K	.26	.13	.04	.07	.06	.12	.41	.23	.17	.19	.40	.05	2.87	.22
KAPALAMA 773	A	12 13	K	1 56			K	K	2 72	15	60			K	K	1 04	14	.08	02	.02				.02		.97	.18	K	K	.50		1.70	.50
KAWAINUI 841	A	9 19	K	2 56	K		K	K	1 76	54	22			K	K	1 16	.65	17		.85	K	K	.04	T		.03	.10	K	K	.70	.20	.38	.47
KAWAI IKI INTAKE 881	A																															
KEMOO AMP B 855	H	14 99	K	K	5 65	01	K	K	1 63	40	70			K	K	2.00	2.40	.70	T	.20	K	K	K	.28		.01	.01	K	K	K	.50	.20	.30
KOOLAU CAM 813	A	16 63	1 67	.80	08		08		1 55	22	83	.40	.05	1 63	36	90	.54	.28		.20					.05	3.00	1.30	.11	.14	.18	.36	.58	1.32
KUALUALEI 804	H	7 47	70	K	41	K	02	K	1 56	05	16			1 20	1.00	.07	K	.31					.75	.88	K	.10	.03		K	.30			K
KUALUALEI WTR TUNNEL	H																															
MAKAHA KAI 796 1	H	4 02	61	95	T			15	97	51	13	T		.65		37	14	.10	T	.05	T		T	T		.05	T			T	.50		.09
MAKAHA DAME 830 2	H	16 26		6 75		3 51					1 35			1.29				.45			.55				.31			1.21				.84	
MAKAPUU POINT 724																																
MANOA 782 1		7 38	16	45	.13			66	1 76	31	.55			.69			.05			.04	.02	.05		.04	.16	.79	.20	.18	.15	.14	.08	.04	.82
MANOA TUNNEL 2 716	R	13 60	76	.02			32	1 78	1 10	63	14		54	20	.18	.24	.18	10		.04	.18			.20	.52	.78	.30	.62	.98	.08	.06	1.18	2.40
MOANALUA 770		6 08	1 07	19	K	08	K	K	1 46	15	32			93	K	35	13	.20	K	K	.03				.02	.67	.11		K	.05		.13	.18
NUUANU RES 4 783		15 22	72	38			28	1 60	92	70			80	.26	.56	.18	.67	.21		.02	.04		.02	.58	.78	.72	.44	.54	1.84	.04	.26	.88	1.78
NUUANU RESERVOIR #5	A	9 61	K	K	K	K	K	K	2 90	K	K	K	K	K	K	1.37	K	K	K	K	K	K	.48	K	K	K	K	K	K	2.40	K	K	2.08
PARKER 870	A	10 02	K	K	4 20				1 40	45	35			K	K	1.62	.50	.10		.10						.12	.10	K	K	.06		.90	.12
PH 1 GOLF CO RSE 798 1		16 25		1.15	.03		1 09	2 60	20	69				1 76	.20	87	1 00	.35	10	.23	.01	.02	.25	.40	.03	.35	.12	.19	1.57	.85	.25	.19	.85
PALOLO VALLEY 718	R	11 14	14	02			16	2 44	1 26	60	12		60	18	16	16	10			.02	.10	.02		.58	.32	.48	.14	.46	.52	.04	.02	1.34	2.94
PALMA F ATT 784	A	17 44	48	12	06		82	1 14	1 00	66			78	.30	.58	.28	.44	.24	.02				.02	.30	.94	1.00	.46	.80	1.68	.06	.14	.86	3.20
POHAKEA 724 4		5 52		04	T	T	T	T	1 10	10	T	T	T	.70		.05	.04	T	T				.02	.02			.16	T	.10	.03				3.20
PRI WAIMANA 820 2	A	10 88	T	K	4 28		K	K	1 40	55	27			K	K	1.34	.48	.58	.02	.13	T	K	.01	.43		.52	.01	K	K	.12	.06	.38	.29
PUNAHOU CRATER 706	R	5 58	30	38	04	02		46	1 10	45	47	.01		.60	.01	.15	.07	.02			.02		.01	.03	.18	.43	.05	.03		.02	.06	.16	.50
ST STEPHENS SEM 788		14 66	63	1.00	05	T	T	1 12	2 17	33	53	T		2.17	.18	.96	.67	.63	.02	.02	.23	.06	.03	.33	.16	.45	.13	.12	.13	1.08	.05	.60	.81
TANTA 5 2 780 5		10 14	22	47	11			92	1 38	.32	52			.77	.01	.39	K	.20	.01	K	.01	K	.02	K	.47	.92	.42	.19	.92	.22	.08	.59	.83
WAIAU MAUKA 819 1	A	6 63	K	K	68	T		K	2 31	20	28			K	K	65	.02	T	T	T	K	K	.05	.04	.11	.31	.07	K	K	.23	.05	T	.64
WAIKANA CAM 863	A	10 88	1 68	.44	45	T	K	K	1 73	79	.38	.01	K	K	K	2.00	.96	.40	.06	.26	K	K	.02	.49		.80	.04	K	K	.11	T	.51	.43
WAIAHOLE 837	A	19 59	K	K	1 20	K	K	K	2 03	.59	45	K	K	K	K	5.60	1.96	.74	K	.03	K	K	.04	.08	.14	1.03	.19	K	K	1.29	.03	1.28	.87
WAIALAE KAHALA 715		9 11	31	15	10	T		62	1 45	.34	11			.76	T	1.14	.04	03						.08	.06	.07	.02	T	T	T	.11	T	.70
WAIALEE 886.3		6 44	54	68					80	.36	.23			.60		.03	.28			.19			.13	.02		.48		.10	.61	.14		1.27	.57
WAIALUA 940	H	9 84	82	11	T		K	K	1 24	.40	24	T		71	.03	.36	.83	T	T	.41	.05			T		.05	.05			.56	.03	.36	.59
WAIANAE 798 2	A	5 53	76	71	02			03	1 44	51	14			.97	01	.07	.11	.07	.03	.04		.05		.02		.13	T			.21	.16		.05
WAIANAE MAUKA 803	H																															
WAIHAA 836	A	12 47	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K	K
WAIKANE 805	A	19 64	K	K	8 16	K	K	K	1 78	K	K	K	K	K	K	5.34	K	K	K	K	K	K	1.47	K	K	K	K	K	K	K	K	K	19.47
WAIKIKI 717 2		4 11	08	32	35	T		69	1 24	16	10			75		.04	.05	.01				K	.03	.02	.01	.06	T		T	T	.06	
WAIMANALO EXP FARM		11 23		91	12	01		1 20	2 43	20	42			1.36	.12	1.02	.20	.16	.08	.18			1.03	.22	.03	.01				.15		.55	.47
WAIMEA 892	A	8 21	K	1 62	30		K	K	63	73	04			K	K	77	.29			.14	K	K	.02	.05		.37	.14	K	K	.02		1.46	.58
WAIPAHU 760	A	9 64	K	K	4 55	.01	K	K	1 37	.22	33			K	K	1 70	.28	.40	.02	.07				.37	.02	.21							.82
WILHELMINA RISE 761	R	8 14	22	38	02			1.84	86	48	04	.02	60	04	.04	.02	.02	04						.26	.08	.12	.02		.44	.08		.64	2.18

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

JANUARY 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
x x x ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	5.22					.07				.04						39 1 34			.93				.04	.26			.05		.56	.04	.20	1 30
KAUNAKAKAI 536	A	6.24				.27			3.02	32	.24						1.58 .05			.04											.34		.28
KEONELELE PENS 551	A	5.10	x	x	x	x	x	x	x	x	x	2.20	x	x	x		.90 x	x		x	x	x		x	x	x	x	x	x	x	x	x	2.00
KUALAPUU 534	A	7.51	x	.50		.25	.03	.26	1.82	.43	.27			x	x		.96 66	48	.08	.03					04		.01	x	x	.11	.20	38	1.00
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUMALOA 511	A	8.58	x	x	.65	.44	x	x	1.23	.28	.35			x	x	4.02	.14	.22		.05				.01	.57			x	x	.06	.02	.07	.45
MOLOKAI AP 524		7.73	.04	.43	T	.25	.10	.20	1.30	.43	.35	T		1 13	.85	.12	.54	.40	.01	.40	.07	T	T	.08	.13				.22	T	.08	04	.56
PUUOHOKU RANCH 542.1		6.39				.24	x	x	x	.24	.25	.01		.74	x	.23	1.51	.13		.04					.18	15		x	x	.80		85	1.02
WAIKOLU 540	A	22.09	x	3.70	x	x	x	x	x	x	12.06	x	x	x	x	2 67	x	x	x	x	x	x	2.41	x	x	x	x	x	x	1 25	x	x	x
x x x ISLAND OF LANAI																																
KANEPUU 690	A	13.25	x	x	3.30	x	x	x	x	x	x	7.20	x	x	x	x	x	x	1.75	x	x	x	x	x	x	.40	x	x	x	x	x	x	.60
KAUMALAPAU HARBOR 698	A	2.91	x	x	.54	.43	x	x	.95	.11	47			x	x	.39	T	.01		T					01								
LANAI CITY 672	A	11.28	x	x	1.03	.61	x	x	2.42	1.90	1.06	.25		x	x	1.38	.11	.12	.02	.18	x	x	.03		.34	.01		x	x	1.08	.16	.30	.28
LANAIHALE 684	A	6.30	x	x	1 20	x	x	x	x	x	x	2.40	x	x	x	x	x	x	1 00	x	x	x	x	x	x	.70	x	x	x	x	x	x	1.00
MAHANA 694	A	13.95	x	x	3.40	x	x	x	x	x	(	6.00	x	x	x	x	x	x	2.00	x	x	x	x	x	x	.55	x	x	x	x	x	x	2.00
MALAUEA 676	A	8.30	x	x	2.40	x	x	x	x	x	x	4.00	x	x	x	x	x	x	1.00	x	x	x	x	x	x	.30	x	x	x	x	x	x	.60
WAIAKEAKUA 685	A	9.15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7 30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.85
x x x ISLAND OF MAUI																																
AUWAHI 252	A	10.82		.93		x	x	x	4.05		1.68		x	x	x	1.67		x	1 25		x	x	.10		x	x	x	x	x	1.05		x	x
HALEAKALA B E S 434	A	15.59			.06	.40	.02	.12	.86	1.06	.46	.12		.24	.01		.02			.45	.25	.01			.42	2.46	.13		.86	59	.03	2.18	4.85
HALEAKALA RANCH 432	A	12.41				.63				2.45	.02	.11				.28	.12			44					.16	1.09				.75		.71	4.74
HALEAKALA RS 338		12.58	.02	T	T	.30	.21	T	2.50	2.80	.47	.85		25			.07	.07		.02	.06		T		.07	1.83	.05	T	T	.05	T	.05	3.11
HALEAKALA SUMMIT 338.4	A	9.22	x	2.61		.18		x	x	2.20		.15		x	x	29	.17	.08	.07	T					.06	1.03		x	x	.14	T	T	2.23
HALIIMAILE 423	A	12.18				.80	x	x		85 1.15	.30	.27		x	x	.37	.09	08		.18	x	x	.14		.21	.97	.03	x	x	1.25	.01	.48	4.98
HAMAKUAPOKO 485		8.42	.02		.28	.47	.03	.32	1.05	.60	.11	.10		.20	.01	.04	.06	.01		.10	.15				.20	.46	.05		.35	.57	.01	.18	3.05
HANA 354	A	11.33	x	x	.01	.06	.12	x	1.95		.01	.34	.01	.08			.01				.18	x	.04	.22	x	x	.65	.30	x	.21	.30	14	6.70
HANA AIRPORT 355		11.46			T	.22	.01	x	.20	.01	T	T		x	.11	T			T	.06		T	x	.56	.06	.01	.08	.06	.07	.10	.64	9.26
HANAHULI 281		12.78	.26	.02	.08	.07	.28	.34	2.54	.27	.46	.02	.04	.07	.22	1.15	1.47	.05	.02						23	1.03	.02	.08	.02	.20	.72	.02	3.08
HOLUA CABIN 259.5	A	5.18	x	x	x	x	.31	x	x	x	x	x	x	x	x	x	3.00	x	x	x	x	x	x	x	x	x	x	x	x	x	1.76	x
HONOKOHAU 480	A	12.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.80
HONOKOHUA 403	A	8.38	x	x	.60	.45	x	x	2.05	.60	.20	.10		x	x	.93		.10	.05		x	x	.10		.90	.40	x	x	.80		.35	.75	x
HONOPANU GULCH 341	A	13.60	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	13.60
KAANAPALI AIRPORT		7.10	.08	.34	.06	.60	.02	.03	3.06	.20	.54	T		.80	T		.12	.17	T	.02	T				.21	.04	T		.04		T		.77
KAHOMA INTAKE 374	A	11.65	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	11.65
KAHULUI WSO 398 AP	A	9.00	.01		T	.39	.12	.50	1.04	.06	.43			.08	.22	.25	.37	.22	.03		.20			.12	.18				T		.34	1.33	3.11
KAILILI 436	A	22.61	x	x	x	6.07	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	16.54
KAILUA 446		16.30				.25	x	x	.29	.39	.02	.10		x	x	.19				.06	x	x	1.20		.89	1.42	.13	x	x	.60	.04	2.00	8.70
KAUALUA INTAKE 375	A	13.93	x	x	x	x	x	x	4.85	x	x	x	x	x	x	5.75	x	x	x	x	x	x	2.30	x	x	x	x	x	x	1.03	x	x	x
KEAHUA 410		8.61	.15		.06	.50	.04	.36	.80	.86	.47	.10		.44	.03	.25	.14	.06	.01	.12	.07				.04	.34	.01		.05	.02		.15	3.46
KEAMAE 346	A	24.72	x	7.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17.32
KEAWAKAPU BEACH 260.2		4.66	.22			.83	.07	.29	.98	.43	.32					04	.09			.23											.29		.87
KIHEI 311		7.31			.93	.71			1.14		1.87	.17				60	.30	.06	T	.23			.07		.04				.12	T	.20	.77
KIPAHULU 258		13.90	.52	.38		.25	.90	1.40	2.01	.55	.28	.10			1.07	.60	.40	.16			.14				.52	1.15	.26		.11		1.17		1.92
KULA HEIGHTS 323.2		9.23				.70	.06	.34	1.52	1.68	.84	.06		.19	.03		.15	.13		.51	.27					.04			.08	.12		.21	2.20
KULA SANATORIUM 267		15.03	.92	.37	.08	.59	.38	.80	2.83	2.25	.87	.71		.35	19	14	.28	.18	.06	.15	.10	T	.14	1.21	.02	.02			.01	1.46	.01		.90
LAHAINA 361		7.46			.35	.71			1.68	.46	.64	.02		.47			.24	.14	T	.08													.37
LAUNIUPOKO INTAKE 376	A	10.25	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.25
LAUNIUPOKO VILLAGE 372	A	5.16		.15		1.18			1.20	.20	.62	.30		.44			.29	.47		.13													.18
LUPI UPPER 442	A	18.70	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	18.70
MAHINAHINA 466	A	10.28		.21	.08	.75			3.25	.82	.96	.02		.92		.05	.06	.27		.08					.37	.39			1.10			.15	.80
MAKALELE FIELD 60 407	A	7.98	x	x	x	x	x	x	3.53	x	x	x	x	x	x	1.41	x	x	x	x	x	x	.15	x	x	x	x	x	x	1.75	x	1.15	x
OLINDA 332	A	11.85		T	T	.51	.09	.08	1.60	2.54	.64	.48	T	x	x	.20	.06	.11	T	x	x	x	x	.09	1.60	.03	x	x	.34	.01	25	3.22
OLOWALU 296		5.38			.09	1.03			1.03	.42	.42	.04		.55			.54	42		.18					.02						.02		.62
PAAKEA 350		V25.55	x	x	.32	.15			.16	.10			x	.14							1.55				.45	1.90	.15	.22	1.29	.06	.01	.64	7.90
PAIA 406		7.70	.01		T	.41	.03	.27	1.30	.54	.23	.03	T	.27	.04	.02	.10	.04		.03	.07		.01		.17	.46	.01		.10	T		.10	3.46
PANILEIHULU 259.2	A	21.15	x	x	x	.73	x	x	9.20	x	x	x	1.52	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	9.70	x
POHAKEA BRIDGE 307.2	A	9.88	.25	.85	.03	.45	.42	.71	1.00	.92	.72			.80	.09	.06	.82	.61	.10	.20	.05				.05	.05				.20			1.50
POLIPOLI SPRINGS 267.2	A	23.20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	23.20
PUOHOKAMOA 2 343	A	26.00	x	x	5.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	21.00
PUUNENE 396		9.62			.57	.52			1.50		1.34	.05				.88	1.30	.38	.05	.10			.04		.27	.20				T		.27	2.13
SPRECKELSVILLE 400.2		8.14	.08			.37	.01	.26	1.00	.65	.37	.03		.30	.12	.06	.38	.10	.01	.02	.10		.01		.16	.32						.64	3.15
TWIN GATES 261.3	A	9.37	x	x	x	x	x	x	x	5.10		1.70	x	x	x	33	.24	x	x	x	x	x	x	x	x	x	x	x	x	2.00	x	x	x
UKULELE 333	A	14.35	x	x	x	x	x	x	x	x	x	4 50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	9.85
UKUMEHAME 301	A	5.88			.19	.78			.91	.31	.40	.05		.80			.66	.50		.12					.08								.88
ULUPALAKUA RANCH 250		13.08		1.33		.65		x	3.60	.72	1.20		x	.74		.38	.08	.03	.05	.37		x	x	2.85	.04	.01		x	x	x	x	.32	.72
WAHIKULI 364	A	6.84		.65	.20	1.05			2.05	.45	.85			.56		.05	.10	.22		.12					.04	.07						.19	.24
WAIEHU CAMP 484	A	16.97	.19	.50	.32	.10	.02	.32	3.50	.80	1.00			49	.20	.10	.95	.68		.06	11				.68	.28				.25		.39	6.03
WAIHEE VALLEY 482	A	13.36	.02	.80	.03	.25	.20	.85	2.60	1 10	1.05			.38	.25	.01	.85	.40		.02	.43				.48	.42				.05		.41	2.75
WAIKAMOI 449	A	22.90	x	5.40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17 50
WAIKAMOI DAM 336	A	17.44	x	.02	.14	.41	.05	.01	2.00	2.00	.35	.41	.01	x	x	.18	.01	.01							.64	4.89	.25			.84	.02	.66	4 53
WAIKAPU 390	A	13.95	.18	.75	.08	.18	.40	.59	1.32	1.11	1.45			.73	.09	.10	2.00	.80	05	05	.05				.45	.20				.86		.10	2.40
WAILUKU 386	A	15.79	x	x	1.87	.30	x	x	3.07	.47	.62			x	x	68	.62	.33		.03	x	x	.15		.57	.17		x	x	.80		.16	6.72
WAIOPAI RANCH 256	A	13.65	x	x	x	1.85	x	x	x	4.45	x	x	.30	x	x	1.90	x	x	x	4.45	x	x	x	x	x	x	x	x	x	.70	x	x	x
x x x ISLAND OF HAWAII																																
AHUA UMI 75	A	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.00
AWAI 1	A	4.56	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.55	x	x	x	x	x	x	x	x	x
CITY OF REFUGE 27.4		1.04	x	.02	.10	.01	x	x	.18	.36	T	.25	T							.21			.02	.75	T					.04	T	T	T
EAST HONOKANE 183.2	A	11.61	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	11.61	x	x	x	x	x	x	x	x	x
HAINA 214		4.81					.72	.07		.01		.12	.02								1.37				01	2.02	.10	.04	.08				.25
HAKALAU 142		4.97				.19	.09			.06		.13	.02												.37	2.67	.64	.38	.37	05				
HALEMAUMAU 52	A	4.40	x	x	x	x	x	x	x	x	x	x	x	x	x	2.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.40
HALEPIULA 117	A	8.55	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	8.55
HALEPOHAKU 111	A	6.21			.01	.01	.32	.01	.10	1.43	.31						.23			T			.06		50	2.14				.23	.03	.21	.62
HAWAII VOLCNS NP HQ 54		6.12	.25	T	.13	.11	.08	.26	.26			.22	.23	.13	T		T	T	T	.12	.02		.10	.01	T	3.45	.22	.03		.01		.01	.48
HAWI 168	A	6.84	x	x	.13	.08	x	x	.50	2.07	.02	.02	.02	x	x	02		.02	.03	.08	x	x	.61	T	.85	1.40	.12	x	x	.70		.04	.03
HILO COUNTRY CLUB 86.6		9.39			T	.15		T		T		.43	.12	T						T			.06	.02	02	4.46	.55	.11	.54	1.72	T	.08	1.13
HILO WSO 87 AP	R	5.88			.22	T	T			T	.04	.03	.11									T		.32	3.63	.48	.23	.34		T	T		
HOLUALOA 70	A	7.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7.00
HOLUALOA BEACH 68	A	4.03	x	x	x	x	x	x	.97	x	x	x	x	x	x	x	x	x	x	1.62	x	x	1.04	x	x	x	x	x	x	.40	x	x	x
HONAUNAU 27		V10.60	x	1.90	.29			x	.84	.48		.31							.45	1 01		x	1.80	1.31				x		.41		.31	
HONOHINA 137		5.94	.14			.25	.03	.01				.07	.07										.01		.49	3.07	.37	.92	.17	.34			
HONOKANE 181.1	A	2.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.30	x	x
HONOMU MAUKA 138		0.95	.01			1.66	.05	.02		.01		.15	.11										.57	.02	.12	5.76	.80	.38	.25	.04			
HONUAULA 71	A	5.05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.05
HUALALAI 72	A	1.68	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.68
HUEHUE 92.1	A	6.16	.20	x	x	1.23	x	1.08	1.05	.37	x	x	x	x	x	x	x	x	x	.20	.11	x	x	x	.31	x	x	x	x	.33	x	.20	1.08
KAALA IKI 12	A	6.21	.56		.16	x	.50	.02	.08	x	x	x	.93									.02		3.00	x	.60	T	x	.30	x	x	x	.04
KAAWALOA 29	A	6.01	x	x	.26	x	x	x	.60	x	x	.85								.65	x	x	x	2.36				x	x	.20			1.09
KAINALIU 73.2		9.67			.45	.05	.53	.04	.01	1.12	.09	.40	.03					.08	.03	1.37		.02	.72	4.53					.04	.12		.02	.01
KALAPANA NO 1 67.8		3.66	.26	.08	.23	.59	.03	.12	.02			.03	.03		T					.02		1.10			.05	.90	.03	.08	T				.09
KAMAOA NO 2 5	A	5.75	x	x	x	x	x	1.91	x	x	x	x	x	x	1.70	x	x	x	x	x	x	.31	x	x	x	x	x	x	1.83	x	x	x	x
KAMUELA 192.2		9.54			.05	.13	.51	.06		3.96	.03	.60						.02		.03	.25					.70				.02		.33	2.85
KAPAPALA RANCH 36	A	4.05	x	x	x	x	x	1.46	x	x	x	x	x	x	.85	x	x	x	x	x	x	.40	x	x	x	x	x	x	1.35	x	x	x	x

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

JANUARY 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
*APOHO LANDING 93.5	A	9.18	*	*	*	6.55	*	*	*	*	*	*	.28	*	*	*	*	*	*	*	*	*	.43	*	*	*	*	*	*	1.90	*	*	*
*AWAIKLI LOWER 190	A	9.38	*	*	*	3.10	*	*	*	*	*	*	3.80	*	*	*	*	*	*	.28	*	*	*	*	*	*	2.20	*	*	*	*	*	*
*EAL 92		5.56	.02		.03	.09						.04	.07	.03										*	.48	2.33	.73	.58	.05	.30		.35	.46
*EALAKEKUA 26.2		*	*	*	*	*	*	*	*	2.80	*	*	*	*	*	*	*	*	*	.13	*	*	*	*	*	*	2.80	*	*	*	*	*	*
*EHENA 181.2	A	9.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.30	*	*	*	*	*	*	*	*	*
*IOLAKAA A & F 6	A	5.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.30
*IPA 89.2	A	9.03			.01	.78		.01				.14	.06										1.69		.06	4.69	.86	.21	.04	.39	.01		.08
*OHALA MAUKI 176	A	10.56	*	*	2.14	.07	*	*	.73	2.60	.08	.54								.05	*	*	.55		.93	1.40	.03	*	*	.70	.01	.44	.29
*OHALA MISSION 175.1		8.63	.60	.18	T	.01	.58	.02	.09	2.40	.04	.47	T	.01				.01		.04	.92			T	.58	1.83	.05	.08	.38	.01		T	.09
*OIAWE LOWER 196	A	7.74	*	*	*	3.40	*	*	*	*	*	*	3.00	*	*	*	*	*	*	.15	*	*	*	*	*	*	1.19	*	*	*	*	*	*
*ONA KAILUA 88.3	A	4.98				*	*	*	61	.85	.04	33								.29				2.30		.03		*	*	.18	.02	.31	
*ONA VILLAGE 93.8		2.55			52	.59	.02		93		29													.06								.14	
*URAIA 222		5.70				.22	.01	T			27	.01	.04		T				*	1.27	.02				2.71	.14	.07	.05	.12			.77	
KUKUIHAELE WIC 199		3.73			.12	.10	.02			41			.06								.61				.02	1.68	.04	.09	.24				.34
KUKUIHAELE MILL 206	A	2.88	*	*	.04		*	*	.37	.10			.07									*	.59			1.33	.07	*	*	.16			.15
KUANI CAMP 79		8.78				1.80	.16	.80					.31										.62			4.59	.25	.06	.04			.13	
KUANI MAUKA 76	A	2.47				.05						.06							.05			.10			.05	1.20					.02	.01
KUANI SCHOOL SITE 78	A	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANIHAL 68.2		5.80			.03	.35	.96	.18		1.29	.06	.43								.37			.05	.43		.03						1.14	.49
MAKAWALAU 103		6.03		1.08	.35	.07			.65	.94		.26											.21			.70				1.10		.32	.36
MANUKA 2	A	16.96	*	3.80			*	*	.80	.50	.10	.60		*	*	.02			.60	.70			T	.70	.01	.04				T	T	.02	3.10
MAUNA KEA 085 111.2		.17			.03	.01					T		T	T			.02								T	.10					T	
MAUNA LOA SLOPE 085		1.67							.09	.02	.11									.55			.25		.08	.41		.08		.03	.02	.02	
MIDDLE WOLUALOA 68.1	A	5.78	*	*	*	*	*	*	1.67	*	*	*	*	*	*	*	*	*	*	1.75	*	*	1.76	*	*	*	*	*	*	.20	*	*	*
MIDDLE PEN 147.1	A	5.17	*	*	*	*	1.94	*	*	*	*	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.23	*	*	*
MOAULA 18	A	2.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.35
MOUNTAIN VIEW 91		8.08	.02		.04	.04	.09				.01	.25	.21							.01			.02		.14	4.03	.30	.69	.06	.36	.01	1.73	.05
NAALEHU 14	A	4.83	1.43	.01	.14	.18	.03	.22	.32			.08	.16							.06		.15		.36		1.69							
NAPOOPOO 28	A	1.70	*	*	*	*	*	*	.52	*	*	*	*	*	*	.75	*	*	*	*	*	*	.58	*	*	*	*	*	*	1.85	*	*	*
NIULII 179	A	8.06	*	*	.35		*	*	.68	1.27	.02	.17									*	*	.17		1.06	1.87	.03	*	*	1.13		.87	.44
OOKALA 221		8.42	T				.11	.02		.03	T	.52	.33	.32							2.74	T			.05	2.61	.60	.27	.27	.07	.07		.41
OPIHIHALE 2 24.1		6.71	T		.20		.07	.04	.42	.01	.38		T				.15	.15	.70	T	1.48	T	2.37	T	T	.24	.41	T			.09	T	
ORCHID LAND EST 91.5	A	9.10	*	*	*	3.95	*	*	*	*	*	*	.78	*	*	*	*	*	*	*	*	*	.09	*	*	*	*	*	*	4.28	*	*	*
PAAUHAU 217		5.35	*	*	.08		*	*	.74	.01			.13									*	1.62			2.34	.21	*	*	.03			.19
PAAULO 221		5.74		.01		.20		T	T		.21	.01								1.70	.03				2.80	.08	.03	.01	.05	T		.81	
PAHALA 21	A	1.73	.94	.01	.11	.40	.10	T			T	.05	.48	.04						T			T	.63		.73			.02			.22	
PAHOA 65		4.66	.08		.18	.11	.11				.05	.16	.18							.09		.75	.37		.27	1.32	.46	.20	.02	.11	.05	.05	.10
PAKAO 37	A	4.91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.91
PAPAIKOU 144.1		6.27				.67	.06			.01		.06	.03	.01									.25	.05	.38	3.54	.44	.47	.23	.07			
PAPAIKOU MAUKA 140.1		9.47				1.48	.03			.01		.13	.07										1.15	.03	.25	4.57	1.08	.46	.12	.09			
PIIHONUA 89	A	13.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13.80
POHAKULOA 107	A	3.29	*	*	.63	*	.30	*	*	*	*	*	*	*	*	.78	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.58	*	*
PUAKO 95.1	A	2.21				.01	1.06	T	.02	.84	T	.02	T	.05						.09	.01					.08				.03			
PUU KIHE 120	A	8.62	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.62
PUU LAAU 102.1	A	3.17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.17
PUU LEHUA 73	A	1.95	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.95
PUU MALI 113	A	3.68	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.68
PUU OO 82		v 1.07	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.07
PUU WAWAAA 94.1	A	11.37				T	.30	1.20	T	.25	T	.27	.02							.57	*	*	.55		.02	.07		*	*	4.65	.02	T	3.45
SADDLE ROAD 1 84	A	10.28			1.20	*	*	*	*	*	*	*	1.18	*	*	*	*	*	.02	*	*	*	*	*	*	5.74	*	*	*	*	*	*	2.15
SOUTH POINT CORRAL 3	A	4.30	*	*	*	*	*	1.70	*	*	*	*	*	*	.65	*	*	*	*	*	*	.59	*	*	*	*	*	*	1.36	*	*	*	*
UMIKOA 118		4.35	*	*	.06		.36	*	.21	.04		.03	.08	*	*	.02	.02				.43	.50				3.37	*	*	*	.10		.02	.11
UPOLU POINT USCG 159.2		4.15				.04	.31	T	.26	1.33	.01	.27		.01		T			.04	.06	.02				.41	1.05	.10	.04	.21				T
WAIAKEA SCD 88.2		8.98				.13						.34	.08										.06	.05	.13	3.48	.43	.40	.02	2.28		.60	.97

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

PACIFIC
JANUARY 1974

STATION	TOTAL	DAY OF MONTH																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND	.00																															
FAGA ALU RESERVOIR	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
JOHNSTON WSO AP R	.33							.12																.01		.01	.03		.09		.07	T
LEONE	15.71	1.30	.02					.59	.73	1.28	.27	.01	.31	.60	*	.42	.40	.12	.46	.24	.20	.36	.10	3.30	.04	.01	.01	.34	.69	1.68	.65	1.58
FRENCH FRIGATE SHOALS	9.55	.83	.03	.09	.11	.01	.14		.08	.01	.03	.18	09	.41	1.22	1.36	.01	.36	.04	2.45				.71		.18	.53		.61	.01	.06	
LUMA VILLAGE	8.63	.62	.01			.02	.54	.11	.52	.01	.22	T	.07	.45	.38	.85	.40	.25	.08	*	.05		.64	.33	.40	.07	.04	.19	.08	.12	.47	.64
MIDWAY SAND ISLAND	8.89	T	.64		.71	.10	T	.05		1.03	.41	.20	.13	.37	.09	60	T		.03	.75	.66	.69		1.22	T		.19	.20			.42	.40
PAGO PAGO WSO AP R	9.28	.06			.02	.02	.08	.37	.08	.45	.27	.02	.04	.28	.23	.21	.50	.40	.03	.05	.14	.14	.13	2.33	.47		.10	.07	.03	.37	.90	1.38
SWAINS ISLAND	–	1.23	.03	–	.20	.51	.02	.61	.29	–	–	.21	.16	.25	.42	3.77	.08	1.13	.26	.18	.03	.05	.07	.18	1.50	1.36	3.43	.33	2.46	2.57	3.18	.45
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM	5.64	.32		.70			.13	1.68	.02	.28	1.43	.01	.47	.08	.08		.06	T		T		.08				.21	T		T	.02	.06		
CLARK AFB LUZON	.17																							.06			.11					
GUAM NAS	2.76	.29	T	.30			.63	.58		.01	.51	.01	.17	.11	.02			T		.01	.03	.02			T	.07				T		
GUAM WSO R	4.27	.27	.01	.07			.30	1.74	.38	.37	.53	T	.14	.04	.02		T	.08		.03	T	.18				.10		.01				
MANGILAO	4.51	.59			.05	.06	.09	.67	.85	.01	1.42	.06	.03	.16	.24	.03						.05		.06			.09				.05
ROTA	13.93	T	.15	.40	.10	T	T	.15	4.20	.90	1.00	1.02	1.74	1.57	1.10	T	T	T	.10	.50	.06	T	.32	.18	.30	T	T	T	T	T	.09	.05
SAIPAN? USCG LORAN	4.04	.01			.07			1.63	1.36	.26	.01	.11			.01							.01					.02				.55
WAKE WSO AP R	4.25	T	.01						.01	2.28	.03	T	.40	.18		.41	.36	.27	T			.20										
* * * CAROLINE AND MARSHALL ISLANDS																																
ANGUAR	39.50			.16	1.01	1.63		1.77	8.70	2.20	1.18	.94	2.25			3.60	3.65	5.70	1.44					1.88		.44	.69				2.16	
ENIWETOK	6.82	.02	.03		.01			.25	.57	.89	.12				.06								.57	2.30	.48	.53	.26	.40	.07	.21	.04	.01
FALALOP I. ULITHI	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
KAPINGAMARANGI ATOLL	–	.22	.03		.06	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.17	–	–	–	–	–	–	–	–	–	–	–
KOROR WSO R	28.13		T	.19	.50	1.05	.06	.35	2.08	.74	.68	.70	.35	.20	.02		13.72	2.80	.04	.01	1.84	.01	.12	.14	.37	.40	.21	.17		1.20	.18	
KWAJALEIN WSO AP R	8.74	T			.08	1.73	.72	.26	.25	2.23	.02	.82	T	.04			.02		.01	.90	.09	.06	1.16		.05	T			.05			.25
LELE I. KUSAIE	–	1.53	1.02	.85			.15	2.09					1.10	.06				1.26	.31			.03		.33	–	.01	.27		.03		.12	–
MAJURO WSO AP R	11.09	.13	.23	.43	1.94	.30	.69	.25	.02	.15	1.46	.29		T		.16	T	.02	T	.88	.34	.10	.02	.94	.55	.02	.71	.58	.03		.32	.44
METALANIM	11.87	1.39	.31	.07	.38	1.80	1.03	2.12	.53	.01	.01	.05	.01							1.16	.12	.52	.48	.15	.01			1.32	.03	.01	.27	.09
MOKIL ATOLL	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
NGASANG,BABELTHUAP	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
PONAPE WSO R	10.68	.92	.09	1.56		.07	1.42	.20											1.43	.40	T	.78	.45	1.61	T	.02	.95	.09	.05	.07	.15	.40
SATAWAN ATOLL	–	.49	.33	.21	.01	–	–	.90	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	.09	–	–	–	–	–	1.70
TRUK, MOEN I. WSO AP R	10.23	1.85	.10	.56	.50			T					T		.03					T	T	.42	.55	.05	.75	1.05	1.57	1.09	.32	1.32		.07
WOLEAI ATOLL	11.23	.29		.69		.21	.40		.05	.76	.38		.35	1.49	.13	.19	1.50					.19	.46	.05		.35	2.32	1.30		.12		
YAP WSO AP R	11.84	.34	.02	.33		.90	.42	.02	.05	2.62	1.51	T	.16	.53	.36	.06	.25	.21	.57	T	.60	.43	T	.04	T	1.36			.60	T	.07	.38

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
ISLAND OF KAUAI																															
KAMALOHULUHULU 1075	MAX	62	63	64	64	63	62	59	62	58	61	63	62	61	64	65	64	65	65	63	61	60	67	67	67	62	65	61	63	63	60	61	62.8
	MIN	54	55	58	53	54	58	55	55	52	42	41	55	58	56	59	59	58	54	56	50	47	47	47	53	53	50	48	43	44	45	54	52.1
KILAUEA POINT 1133	MAX	84	83	83	81	81	81	79	84	84	78	78	85	86	82	85	85	81	76	85	83	81	79	79	79	79	78	80	80	81	79		81.3
	MIN	71	70	70	69	70	68	68	68	66	66	65	67	66	65	66	68	67	67	68	68	68	68	71	69	69	70	69	66	66	67		68.2
LIHUE WSO 1020.1 AP	MAX	80	80	81	78	80	81	81	80	80	77	75	78	78	79	83	83	81	78	80	81	80	80	80	80	80	80	81	78	79	80	83	79.8
	MIN	70	73	69	67	69	71	68	66	64	61	64	73	73	75	73	75	72	67	71	66	67	66	72	72	73	72	69	65	62	66	68	69.0
MAKAHUENA POINT 940.1	MAX	82	85	87	82	81	78	82	80		81	77	75	80	81	79	79	82	85	79	84	84	84	84	79	71	79	78	81	84	81	81	80.9
	MIN	74		72	70	69	64	66	69		67	62	71	70	70	72	73	74	68	73	69	70	71				70	75	68	64	64		69.4
MANA 1026	MAX	83	82	83	82	80	81	79	79	81	77	79	74	79	76	78	77	84	78	79	80	83	83	84	84	82	83	81	82	82	80	79	80.5
	MIN	63	62	63	66	67	68	67	68	68	62	64	69	69	68	71	68	72	69	69	66	64	64	59	60	62	63	64	63	62	63	59	65.2
NIU RIDGE 1035	MAX	77	75	76	78	78	79	72	76	74	70	75	72	71	70	73	72	75	74	76	77	78	79	70	78	77	78	78	79	77	78	78	75.5
	MIN	63	60	63	65	63	65	63	64	63	58	59	64	65	64	64	65	64	63	65	66	62	63	58	60	61	61	60	60	60	60	62	62.4
WAIAHI LOWER 1054	MAX	75	77	78	75	72	67	75	75	78	73	69	76	69	65	70	79	70	68	70	70	72	67	76	76	72	76	74	76	76	76	76	73.2
	MIN	55	53	56	54	57	52	55	54	57	53	52	56	54	53	55	56	57	56	55	54	55	53	59	66	55	64	66	58	58	56	62	56.3
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX	82	84	84	81	83	82	80	82	83	79	80	81	83	82	82	85	86	85	81	82	81	82	81	81	80	81	81	80	80	76	78	81.5
	MIN	65	68	65	65	67	68	66	65	69	62	63	70	73	72	73	72	68	66	64	65	65	65	71	70	71	71	66	63	64	65	68	67.3
EWA PLANTATION 741	MAX			83	82			82	79	81	81	80			80	80	81	82	83			82	82	80	80	80			82	79	82	81	
	MIN			63	64			64	67	70	60	61			65	75	73	73	68			63	62	65	65	65			61	62	63	65	
HONOLULU WSO 703 AP	MAX	80	81	80	80	80	79	80	82	82	78	78	80	80	79	81	81	81	81	81	81	81	82	83	81	82	83	83	78	80	82	77	80.5
	MIN	72	72	70	66	69	70	67	70	67	62	65	73	74	76	75	75	75	69	67	67	66	64	66	71	70	65	63	60	64	66	67	68.5
HONOLULU SUBSTA 704	MAX	78	80	80	78	78	77	79	79	79	77	77	79	77	77	81	82	80	81	79	79	80	77	78	76	79	80	80	78	79	78	74	78.6
	MIN	68	72	72	70	71	69	67	70	67		67	71	72	72	72	72	72	71	71	71	70	68	68	70	68	68	68	66	68	67	66	68.5
KANEOHE MAUKA 781	MAX	78	76	80	79	82	81	77	78	78	81	77	78	77	78	77	78		82	75	83	83	80	79	78	76	78	78	78	82	78	76	78.7
	MIN	68	74	70	68	69	73	68	67	71	64	65	66	74	74	75	74		68	66	67	68	68	69	68	70	66	67	64	65	67	67	68.7
LUALUALEI 804	MAX	80	80	81	81	81	80	82	79	80	84	83	88	88	78	78	81	78	84	76	84	72	83	80	78	82	80	79	82	80	79	81	80.7
	MIN	65	68	67	65	66	68	64	67	68	62	64	68	74	70	73	70	73	70	64	66	64	62	67	62	68	68	61	62	60	60	66	66.2
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAELLA 870	MAX																																
	MIN																																
PRI WAHIAWA 820.2	MAX			83	83	80	80	82	77	78	75	76	74	76	79	76	78	80	83	79	80	83	82	79	80	77			81	82	77	78	79.2
	MIN			60	62	64	63	62	65	68	58	58			61	71	70	70	66	65	60	60	59	62	63	62	58	57	57	57	60	63	62.3
WAIALEE 896.3	MAX	79	79	82	82	81	81	80	78	81	78	77	79	80	80	79	81	81	83	79	82	80	80	79	79	77	78	79	78	78	75	77	79.4
	MIN	66	67	67	69	68	70	66	68	71	63	67	67	62	74	72	75	74	67	66	68	66	66	69	66	69	67	66	65	65	65	67	67.7
WAIALUA 847	MAX	79	76	83	84	80	84	78	80	82	77	77	78	84	76	82	83	83	87	78	80	80	81	80	80	79	77	78	80	77	79	75	79.9
	MIN	64	69	65	64	65	66	70	65	68	60	60	61	70	70	73	73	70	67	64	62	62	61	60	61	61	60	58	58	60	60	64	64.2
WAIKIKI 717.2	MAX	81	81	82	82	82	81	79	81	81	83	79	79	80	80	80	83	84	83	83		84	84	82	83	81	83	83	84	81	83	82	81.8
	MIN	68	70	67	65	67	69	67	68	69	60	62	70	74	74	74	74	74	72	67		66	64	64	70	68	63	63	61	63	64	65	67.4
WAIMANALO EXP FARM	MAX		76	77	82	80	81	77	78	78	78	77	77	79	78	79	79	81	80	81	81	83	79	78	79	79	80	79	79	80	80	78	79.1
	MIN		67	70	65	68	70	66	67	67	62	63	66	69	72	74	74	73	69	73	70	68	68	67	71	71	66	65	62	64	65	67	68.0
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX																																
	MIN	71	69	65	62	68	70	68	67	69	63	62	65	71	71	73	72	71	69	66	66	64	64	64	69	67	64	66	65	63	64	65	66.9
ISLAND OF LANAI																															
LANAI CITY 672	MAX			76	73	71	69	73		74	76	73	70	67	73	70	72	73	80	78	79	78	76	69	71	73	72	74	74	76	72	69	73.3
	MIN			63	61	64	64	62		63	58	57	63	65	65	66	66	66	65	62	61	61	60	61	64	61	58	61	58	59	60	60	62.0
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	60	62	64	61	55	58	59	52	64	53	60	62	62	63	63	61	65	64	59	62	58	59	55	52	58	57	54	50	51	53	56	58.5
	MIN	43	42	41	47	47	46	45	47	48	46	48	47	51	52	50	52	47	48	45	39	40	40	39	45	39	37	39	37	38	38	43	44.1
HALEAKALA SUMMIT 338.4	MAX	56	56	55	50	46	47	47	46	45	44	49	49	47	48	48	48	51	53	50	48	55	46	46	43	46	47	43	48	42	46	43	48.0
	MIN	43	40	41	40	38	35	35	37	36	36	34	37	39	36	37	40	41	41	34	37	35	35	35	32	34	33	34	31	33	33	35	36.4
HANA AIRPORT 355	MAX		84	83	81	77		82	82	85	77	79		84	85	87	88	86	85		83	83		81	78	79	79	81	79	80	80	78	81.8
	MIN		65	65	66	67		68	66	66	63	64		64	68	70	67	65	67		63	64		66	68	67	66	65	63	62	68	62	65.6
KAANAPALI AIRPORT	MAX	80	80	79	78	77	79		78	80	78	77	78	79	78	79	80	80	80	78	80	80	81	78	79	78	80	81	79	78	78	77	78.9
	MIN	71	70	67	68	69	73		69	70	66	65	70	73	75	74	73	73	70	67	67	64	64	69	70	67	64	63	64	62	67	65	68.3
KAHULUI WSO 388 AP	MAX	82	82	82	79	80	77	77	79	81	78	80	81	78	78	79	80	81	78	80	80	80	78	79	80	80	82	78	79	80	73	76	79.3
	MIN	70	70	66	70	70	71	72	71	72	63	64	72	74	75	74	74	73	72	66	64	63	60	68	70	68	63	64	61	62	67	67	68.3
KAILUA 446	MAX			80	78			79	78	80	79	76			84	83	85	82	80			79	79	73	72	73			76	77	75	70	
	MIN			64	66			64	66	66	64	63			63	71	69	65	65			64	63	64	64	64			61	61	60	61	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAPU BEACH 260.2	MAX	83	84	83	80	80	79	79	77	83	82	81	83	82	78	80	84	83	85	83	85	86	84	86	87	85	85	85	85	80	82	81	82.6
	MIN	69	68	65	68	67	71	68	67	70	63	62	69	73	72	73	73	68	70	65	65	62	60	59	67	58	58	60	60	60	65	64	65.8
KULA SANATORIUM 267	MAX	76	74	73	69	70	72	67	63	69	72	69	76	71	67	68	68	68	72	69	72	72	72	72	71	70	71	72	71	68	69	70	70.4
	MIN	62	59	58	59	58	61	58	60	62	57	58	59	63	63	62	61	60	62	59	59	56	55	56	57	55	52	54	56	57	59	58	58.6
LAHAINA 361	MAX	84	84	85	82	82	76	77	82	83	82	82	81	79	79	82	84	84	85	85	85	85	82	87	87	84	84	85	84	85	82	78	82.8
	MIN	69	69	67	68	69	69	68	68	69	65	65	68	72	73	73	73	72	70	66	65	65	64	64	65	64	65	65	67	63	64	64	67.4
WAILUKU 386	MAX			83	79			80	82	82	80	77			80	75	76	84	86			84	79	77	78	78			80	78	77	78	
	MIN			65	66			67	66	69	62	61			66	72	73	71	70			64	65	65	69	67			62	63	63	64	
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	80	81	81	82	77	78	80	81	86	83	75	78	81	83	86	84	86	83	78	82	80	80	79	78	75	75	78	79	78	80	80	80.2
	MIN	64	66	66	66	62	66	66	67	69	66	63	62	67	67	70	71	68	68	64	65	64	65	65	66	64	62	60	62	64	63	62	65.2
HAWAII VOLCNS NP HQ 54	MAX	67	67	71	66	64	64	69	76	76	70	64	66	70	74	74	77	75	71	73	71	71	69	68	65	59	61	67	71	66	68	69	69.0
	MIN	55	50	54	56	57	56	55	54	55	58	54	56	47	51	54	51	54	57	49	53	51	51	53	54	51	50	51	48	48	47	51	52.6
HILO WSO 87 AP	MAX	84	84	86	83	81	83	81	83	82	77	83	84	83	86	87	85	84	88	88	87	86	84	81	79	78	82	81	81	83	82	87	83.3
	MIN	64	64	69	67	68	67	67	68	68	70	69	65	64	65	65	64	65	68	65	66	64	64	65	67	66	64	63	63	63	63	63	65.6
KAINALIU 73.2	MAX	78	79	79	78	78	73	76	78	80	72	76	77	78	78	79	77	78	77	78	77	78	77	77	78	75	76	75	76	75	73	75	76.8
	MIN	62	60	62	64	63	63	65	63	63	60	60	65	61	62	64	62	62	62	63	64	60	59	59	63	61	60	59	58	60	59	61	61.6
KAMUELA 192.2	MAX	74	78	78	76	70	69	71	70	70	72	75	70	74	73	71	70	75	78	75	75	76	74	78	70	70	69	72	73	76	75	73	73.2
	MIN	56	55	54	56	57	55	56	54	55	54	57	54	56	58	58	57	60	58	54	58	57	56	54	57	55	57	56	49	48	48	51	55.2
KEAAU 92	MAX	82	85	82	81	79	82	85	81	84	82	75	81	82	75	87	87	85	83	86	85	85	81	80	77	75	80	75	81	77	79	80	81.3
	MIN	63	62	61	61	61	64	60	67	67	67	66	65	63	65	65	63	64	65	62	65	64	63	63	63	63	62	62	62	61	62	59	63.2
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	80	81	80	81	73	80	79	71	75	77	77	78	79	81	81	81	82	82	80	81	80	78	77	74	74	74	77	78	78	78	76	78.2
	MIN	65	65	66	67	67	67	69	67	70	65	64	64	71	71	72	72	69	69	65	64	64	65	66	66	64	63	64	63	61	61	63	66.1
KONA (KAILUA) 68.3	MAX	78	82	81	78			83	79	82	77	81			82	82	83	84	83	82	81	84	82	81	82	82	80	81	81	81	81	80	81.2
	MIN	68	68	69	67	63	65	69	68	69	66	66	66	63	68	71	71	70	70	67	67	68	65	66	67	67	65	66	65	65	65	64	66.9
KULANI CAMP 79	MAX	64	67	68	63	64	65	67	67	69	68	65	68	69	70	72	72	71	70	62	69	69	63	60	60	55	58	61	65	63	62	65	65.5
	MIN	42	45	46	48	51	45	50	47	48	45	50	57	48	49	53	49	48	49	44	45	44	44	46	48	47	44	43	42	43	42	42	46.7
MAUNA LOA SLOPE OBS	MAX	47	53	48	48	50	53	42	52	48	52	49	48	52	56	54	54	51	48	50	45	44	45	42	38	41	42	40	39	39	42	42	46.9
	MIN	32	33	34	34	36	38	32	37	38	38	36	37	37	38	38	40	38	36	35	30	28	30	31	30	27	26	29	30	30	28	30	33.4
MOUNTAIN VIEW 91	MAX	84	84	84	78	80	80	80	76	81	78	87	83	83	83	81	83	82	79	81	81	81	78	76	71	70	77	77	77	73	76	77	79.8
	MIN	60	60	60	60	60	60	60	61	63	64	61	58	58	58	63	60	61	61	59	59	59	57	58	60	59	56	56	56	56	56	56	59.2
NAALEHU 14	MAX	80	81	79	76			78	80	83	82	78			83	83	86	83	82			83	78	80	78	75			75	76	79	79	79.9
	MIN	66	64	66	66			65	67	64	68	65			63	65	65	64	62			65	62	62	60	64			64	62	62	61	64.0
OOKALA 223	MAX	82	82	82	82	70	79	78	80	82	79	74	78	81	83	82	84	82	83	76	80	79	79	80	75	74	75	77	78	78	78	77	79.0
	MIN	67	67	67	68	68	67	68	68	67	67	65	65	67	61	67	69	68	68	65	60	68	64	65	65	65	65	64	65	65	60	64	65.8
OPIHIHALE 2 24.1	MAX	82	79	78	75	73	76	78	75	78	78	77	77	78	77	78	78	77	76	77	76	74	76	76	74	74	72	75	75	76	74	75	76.3
	MIN	59	60	60	63	62	63	63	61	59	58	59	59	59	61	60	59	60	61	60	58	59	58	58	58	56	56	57	57	56	56	54	59.0
PAHALA 21	MAX	78		79	74			83	86	89	80	76			86	84	86	84	82	82	82	81	79	81	81	75			79	77	79	78	80.9
	MIN	62		60	64			62	65	63	64	62			60	63	63	62	63	63	63	61	59	61	62	60			59	60	58	59	61.6
PUAKO 95.1	MAX	82	83	80	80	73	80	80	78	81	77	79	78	80	80	80	81	83	81	81	82	82	80	83	82	81	82	81	80	79	79	82	80.3
	MIN	63	65	65	68	69	67	68	66	67	64	64	66	65	64	65	69	69	70	66	66	64	65	66	68	69	66	64	62	63	62	65	65.8
UPOLU POINT USCG 159.2	MAX	83	83	81	81	74	81	81	81	80	78	74	80	81	82	79	79	82	83	82	82	81	80	80	75	77	77	79	82	82	80	78	79.9
	MIN	70	70	69	69	68	69	70	65	71	63	68	67	72	74	74	75	72	71	67	79	68	68	68	63	65	66	66	66	70	68	68	69.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	88	90	91	91	88	89	91	89	89	89	88	85	87	91	90	86	89	90	91	91	91	84	85	85	85	85	85	87	86	86	89	88.1
	MIN	75	75	75	76	76	76	76	76	72	76	74	73	74	72	72	75	76	76	76	76	74	73	73	75	74	74	75	78	76	76	76	74.9
JOHNSTON WSO AP	MAX	81	81	81	81	84	82	81	82	81	81	81	82	82	82	82	82	82	81	82	82	82	82	81	82	82	81	82	81	81	80	81	81.5
	MIN	70	72	73	75	74	71	72	74	72	74	72	75	75	76	76	75	74	74	76	76	76	75	75	75	75	74	76	75	73	73	75	74.1
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX	75	77	77	75	76	79	76	77	76	79	72	79	77	77	77	79	79	78	73	76	77	77	78	78	78	78	76	77	81	82	77	77.2
	MIN	60	66	66	65	63	68	66	70	65	66	60	65	67	64	64	64	64	64	60	63	62	63	63	61	64	67	65	66	67	65	65	64.5
MIDWAY SAND ISLAND	MAX	69	69	69	75	70	66	72	70	69	75	74	74	72	75	73	71	70	75	77	75	69	72	71	72	72	71	73	73	73	74	72	72.0
	MIN	62	61	61	62	60	61	62	61	60	62	63	63	60	62	64	63	62	58	65	63	57	62	63	60	59	64	66	62	63	67	62	61.9
PAGO PAGO WSO AP	MAX	87	87	87	87	88	88	88	88	86	86	87	86	86	87	85	86	84	86	87	87	88	87	81	87	88	89	88	86	85	86	83	86.5
	MIN	74	75	75	73	78	76	75	75	76	74	73	73	71	73	75	76	76	74	78	78	75	75	73	74	74	71	75	74	74	75	75	74.6
SWAINS ISLAND	MAX	86	88	89	87	86	88	85	86	87	89	84	86	85	80	81	82	78	84	90	90	89	88	83	85	84	80	82	80	78	82	87	84.8
	MIN																																
WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	84	84	83	83	83	81	82	83	78	81	82	84	84	81	81	80	79	83	83	81	81	82	82	82	83	82	83	83	83	84	84	82.2
	MIN	75	78	75	77	75	75	75	76	75	72	75	76	76	74	76	72	75	77	77	76	73	75	76	76	74	76	77	76	77	76	77	75.5
CLARK AFB LUZON	MAX	86	86	84	81	79	81	81	82	82	82	82	81	79	81	81	79	81	81	82	84	82	84	90	88	90	88	86	86	84	82	84	83.2
	MIN	70	72	70	68	66	63	63	63	63	68	68	66	64	63	61	63	66	64	66	66	68	70	66	68	70	72	68	72	70	66	66	66.7
GUAM NAS	MAX	84	85	84	84	86	82	87	85	82	84	85	86	86	83	82	81	83	83	84	82	82	83	83	82	84	82	83	84	85	85	85	83.7
	MIN	77	78	77	75	75	75	75	77	75	74	77	77	77	74	75	73	74	75	75	73	73	75	74	74	71	73	75	75	77	76	77	75.1
GUAM WSO	MAX	85	86	87	86	86	84	86	84	80	84	86	87	87	83	81	82	80	83	84	82	82	83	83	82	83	82	83	84	85	85	85	83.9
	MIN	74	71	67	67	68	68	67	72	70	71	72	75	74	72	72	70	71	72	75	74	71	70	72	66	63	74	75	74	72	68	71	70.9
SAIPAN? USCG LORAN	MAX	89	86	89	87	88	88	88	85	85	86	84	86	85	86	83	83	84	85	85	85	86	83	85	84	84	86	86	89	87	87	87	85.8
	MIN																																
WAKE WSO AP	MAX	83	85	84	84	84	84	85	84	75	81	83	85	80	82	83	78	76	80	81	84	81	79	82	83	82	82	82	81	82	84	84	82.0
	MIN	73	72	70	73	74	74	75	73	67	66	70	74	73	77	72	67	67	68	72	73	67	69	68	73	71	72	70	71	71	73	71	71.2
CAROLINE AND MARSHALL ISLANDS																															
ENIWETOK	MAX	86	86	86	86	86	86	88	84	85	90	93	91	90	92	92	92	95	87	88	87	88	87	87	84	86	88	86	86	86	85	86	87.7
	MIN		76	70	76	70	76	74	71	75	75	74	75	75	77	76	76	75	76	72	72	75	73		70		73	75	74	70	78	76	74.1
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	88	86	88	89	89	89	87	88	88	88	88	89	88	86	88	86	90	86	82	85	86	86	86	85	88	86	86	88	90	90	89	87.4
	MIN	73	78	76	76	77	76	75	72	76	77	74	75	75	76	77	76	76	72	74	80	79	78	72	74	81	78	73	75	72	78	75	75.7
KOROR WSO	MAX	91	89	90	88	88	89	87	82	87	86	88	89	87	86	85	78	78	88	88	89	81	88	87	88	89	86	88	88	88	89	89	86.9
	MIN	78	76	76	76	75	76	77	74	76	75	76	75	76	77	75	70	72	75	76	74	76	75	74	74	75	74	75	75	75	75	75	75.1
KWAJALEIN WSO AP	MAX	86	87	86	86	82	84	85	87	84	87	86	86	87	87	87	87	87	86	85	86	86	84	86	86	87	86	86	86	86	87	87	86.0
	MIN	77	79	79	78	76	77	76	77	76	76	74	76	78	78	77	77	79	79	76	76	77	74	78	77	78	78	78	79	77	79	77	77.2
LELE I. KUSAIE	MAX	87	88	82	84	86	84	87	84	85	86	88	89	86	85	88	88	86	85	87	87	87	85	87		91	87	89	91	92	91		87.0
	MIN	75	74	76	74	74	74	75	78	71	70	72	74	76	71	69	74	73	73	79	74	75	73	74		77	74	72	76	76	74		74.0
MAJURO WSO AP	MAX	85	84	83	81	85	85	85	85	83	81	84	84	85	85	84	85	86	[illegible]	[illegible]	83	85	84	81	83	85	83	84	85	84	84	86	84.0
	MIN	75	75	75	75	75	74	75	76	74	75	75	77	79	77	75	77	78	79	76	76	75	74	74	75	78	75	76	77	78	75	75	75.8
METALANIM	MAX	88	87	83	82	87	87	84	84	85	86	88	86	86	87	87	86	93	87	88	86	87	86	86	88	88	87	86	88	87	87	87	86.6
	MIN	75	77	76	76	70	73	74	75	75	75	72	73	73	76	78	78	73	75	78	75	76	77	75	73	75	75	73	80	77	82	75	75.3
PONAPE WSO	MAX	88	88	87	89	88	83	87	89	89	89	89	88	91	91	89	89	88	89	88	90	85	88	85	87	88	87	89	88	89	89	88	88.1
	MIN	75	75	75	71	70	73	74	70	66	68	67	66	72	69	68	67	67	74	72	71	73	71	71	71	70	70	71	74	78	77	76	71.4
TRUK, MOEN I. WSO AP	MAX	86	87	87	86	89	87	86	88	88	88	89	89	89	89	87	88	88	87	86	89	88	86	87	86	87	84	83	88	88	87	87	87.3
	MIN	75	76	76	76	78	72	76	73	72	73	75	78	75	75	76	78	73	71	76	78	74	74	74	75	73	74	74	76	74	76	79	75.0
WOLEAI ATOLL	MAX	87	90	89	89	88	88	90	90	90	85	88	90	89	90	87	87	87	90	88	90	88	87	88	88	90	88	90	85	88	88	90	88.5
	MIN	72	79	75	72	73	72	77	79	72	73	74	75	71	75	75	73	73	74	74	74	74	74	73	75	76	72	73	73	73	74	73	73.8
YAP WSO AP	MAX	87	87	87	87	83	86	87	87	84	83	87	87	84	82	84	84	83	86	86	82	85	82	84	85	85	86	87	86	86	87	85	85.2
	MIN	74	75	75	78	73	73	72	76	73	73	72	75	73	72	73	71	76	72	73	74	71	72	73	74	70	75	72	73	74	74	73	73.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.15	.11	.28	.14	.07	.10	.09	.23	.14	.28	.06	.03	.07	.13	.07	.17	.19	.08	.08	.13	.15	.20	.22	.21	.27	.24	.21	.17	.10	.14	.18	4.69
	WIND	-	-	-	-	-	-	-	104	139	63	71	163	178	205	179	152	160	53	45	79	56	55	129	222	228	168	116	72	53	57	148	37398
	MAX	80	79	82	78	76	78	74	78	77	79	76	70	76	72	73	84	84	80	80	80	85	79	78	81	79	81	81	83	80	82	82	78.9
	MIN	61	67	67	63	63	65	63	63	62	58	57	62	65	67	68	65	67	66	66	63	63	63	63	63	64	68	63	60	58	58	63	63.4
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.19	.15	.11	.13	.15	.16	.16	.11	.16	.15	.15	.13	.15	.12	.10	.15	.15	.13	.15	.10	.14	.14	.15	.21	.15	.15	.15	.24	.15	.12	.15	4.55
	WIND	49	43	20	17	16	67	94	42	66	25	21	75	103	87	80	77	63	38	27	10	18	24	27	49	37	26	29	24	16	25	23	1318
	MAX	83	84	89	87	88	86	78	83	84	87	82	85	83	80	80	87	85	89	89	86	83	87	86	87	83	84	87	89	88	88	83	85.2
	MIN	70	70	71	67	67	68	67	67	68	63	65	65	70	72	72	73	72	70	67	66	64	65	64	64	64	65	63	64	64	64	64	66.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]																																	
[illegible]																																	
EAST OF 180TH MERIDIAN																																	
[illegible]	EVAP	.29	.22	.24	.27	.25	.39	.24	.29	.19	.24	.30	.29	.24	.25	.26	.27	.22	.28	.26	.30	.30	.25	.33	.37	.28	.22	.25	.24	.30	.28	.33	8.44
	WIND	105	87	81	117	88	116	205	198	61	92	125	161	152	117	95	111	95	93	129	183	175	146	257	232	170	155	153	150	135	210	195	4389
	MAX	86	90	89	89	88	86	87	88	92	92	89	86	90	91	91	89	92	90	92	89	91	91	86	91	91	90	86	87	87	89	90	89.2
	MIN	66	68	70	70	71	68	70	71	68	69	68	70	72	71	71	70	70	71	72	72	72	71	70	70	69	71	71	71	69	70	70	70.1
[illegible]																																	
WESTERN PACIFIC ISL.																																	
[illegible]	EVAP	.21	.23	.09	.16	.14	.15	.14	.17	.08	.11	.07	.11	.17	.19	.27	.20	.13	.25	.17	.29	.28	.21	.27	.25	.29	.21	.26	.30	.14	.13	.14	5.81
	WIND	142	152	40	76	40	23	27	105	65	86	43	32	77	116	110	90	112	125	106	124	149	116	105	118	72	122	162	154	131	46	83	2889
	MAX	88	89	89	92	92	87	85	88	84	86	90	90	89	85	83	82	81	86	86	83	84	86	86	86	87	85	82	87	91	86	88	86.5
	MIN	74	73	70	70	70	74	71	73	73	72	74	74	75	71	69	68	70	70	72	69	70	68	67	68	65	70	70	69	72	71	71	70.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	BA	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083 R	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	SP	SP			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLALPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980					S MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A			S A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788					S MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		M0			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156.09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA LMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		M0			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAKAILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIL 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
NEW STATIONS												
ISLAND OF OAHU												
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL A DET 30
FAGA A[illegible] RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
[illegible]ANNING WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	L	NATL WEATHER SERVICE
LEONE		4307	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		L	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC IS. NORTH OF 12 N													
ANDERSEN AFB GUAM		4225	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	L	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN ASDG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		L	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		L	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		L	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		L	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 30N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		L	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		L	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		L	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

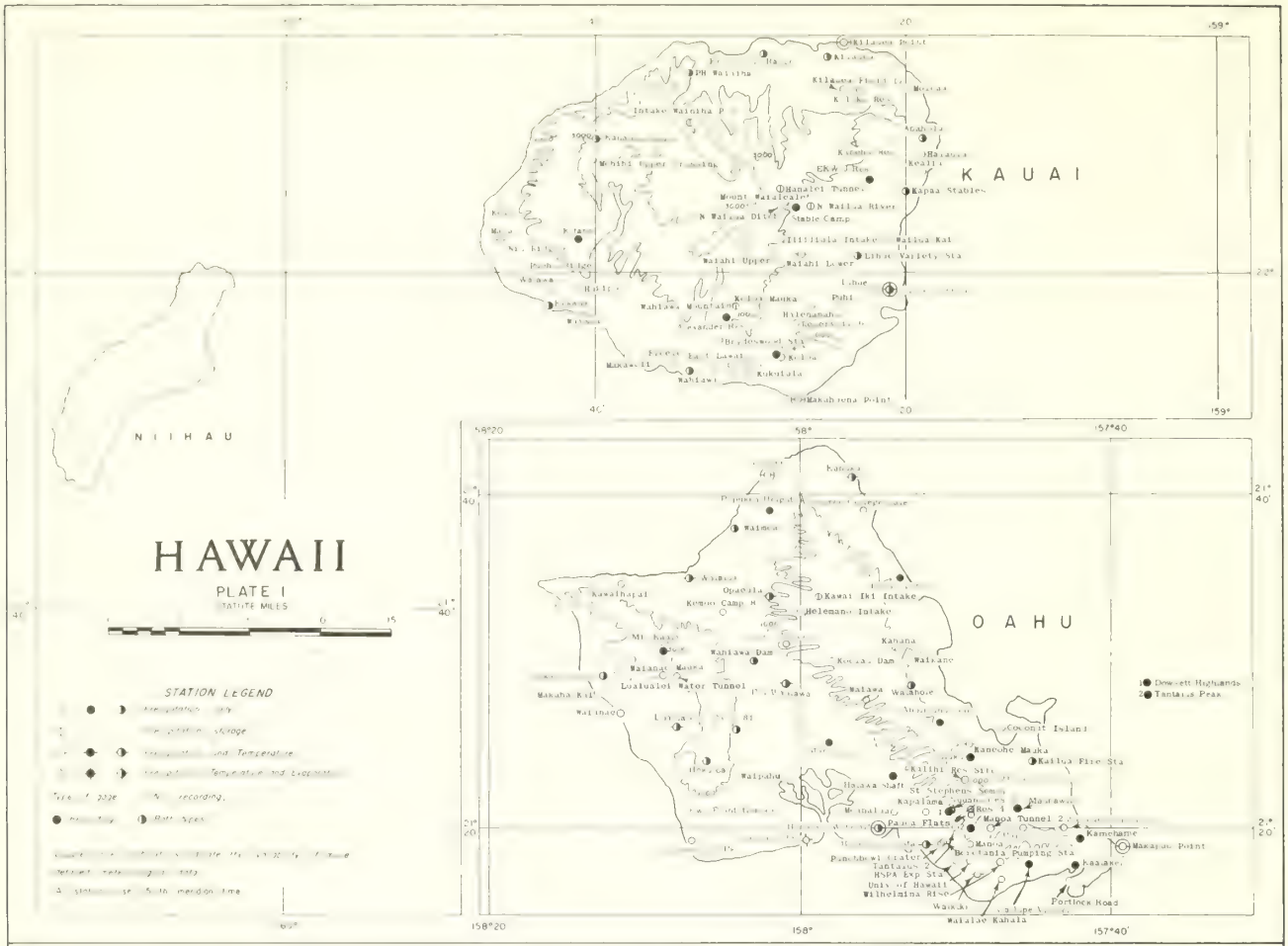
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

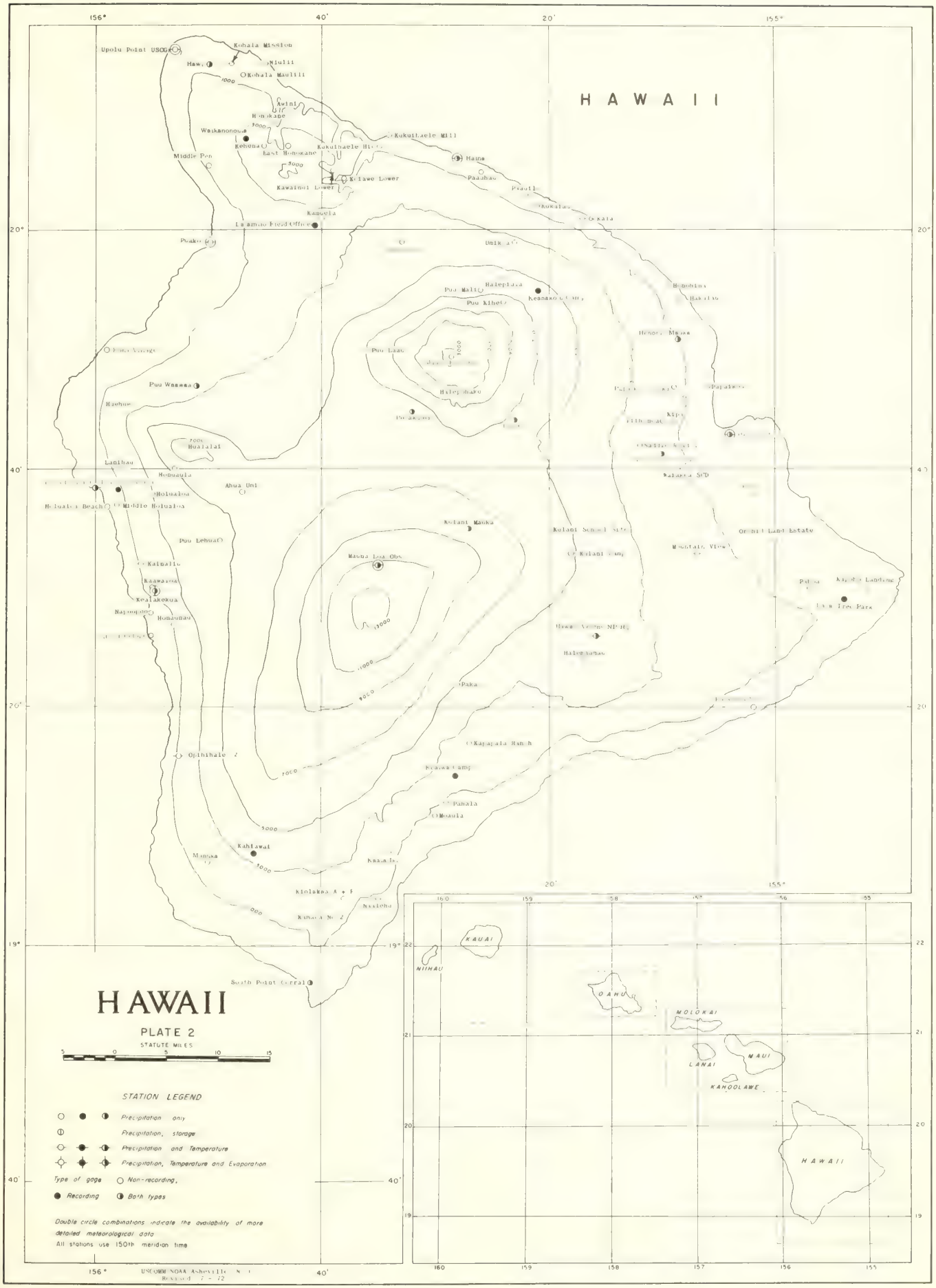
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

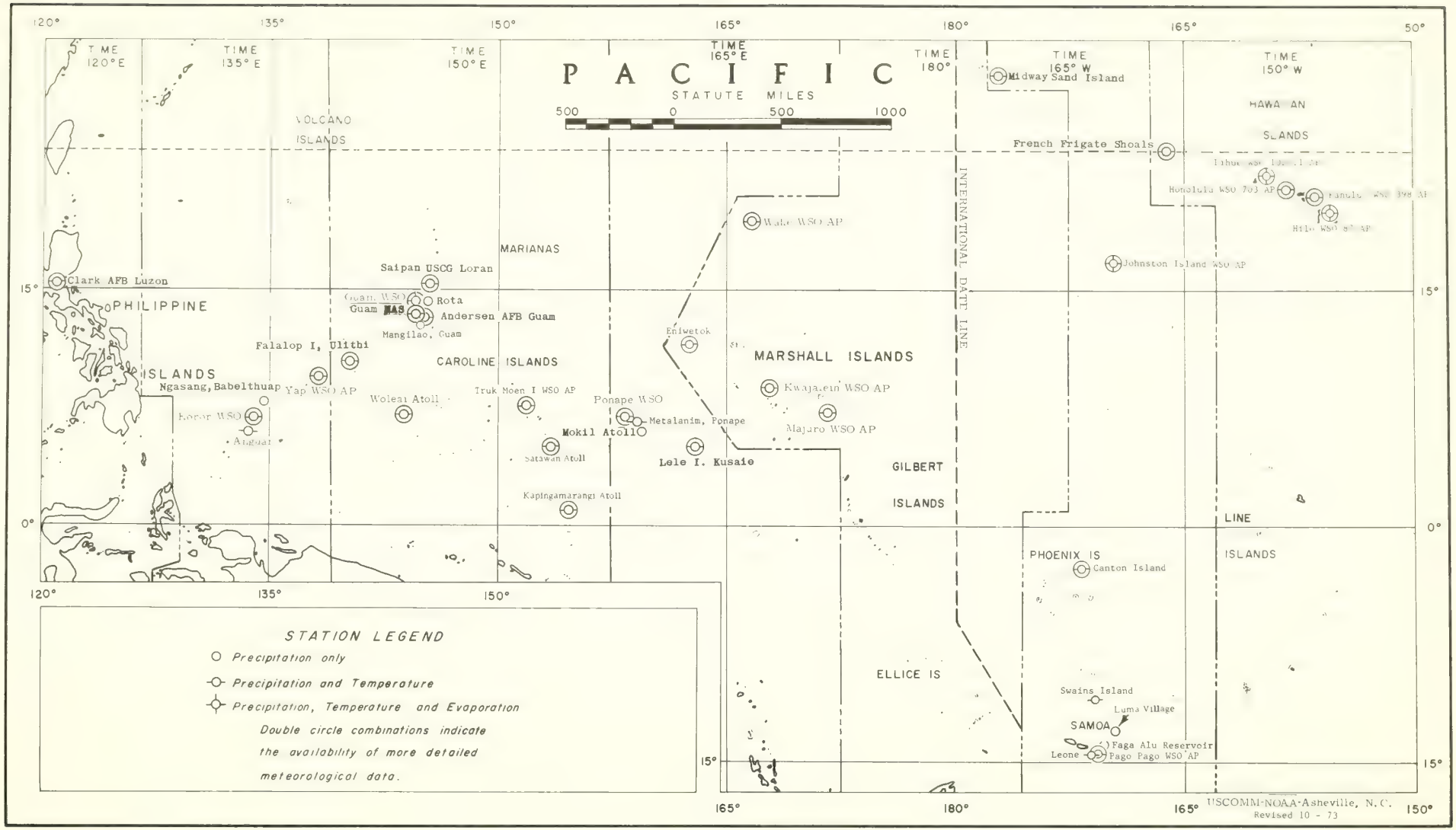
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 5 [illegible]


HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE


HAWAII
Upolu Point USCG
Kohala Mission
Hawi
Niulii
Kohala Mauliili
Awini
Honokape
Waikanonoa
Kehena
East Honokane
Kukuihaele Mill
Middle Pen
Haina
Paauhau
Kiiawe Lower
Kawainui Lower
Pauuli
Kamoola
Laamaia Field Office
Kala
Puako
Umikala
Puu Mali
Haleplana
Keanakolu
Puu Kihe
Honomalino
Hakalau
Honor. Mauna
Puu Laau
Puu Waawaa
Hiehue
Halepaakii
Papaaloa
Kipu
Hualalai
Lanihau
Hoouula
Ahua Uni
Holualoa
Middle Holualoa
Holualoa Beach
Kulani Mauka
Kulani School Site
Mountain View
Puu Lehua
Mauna Loa Obs
Kaimalio
Kaawaroa
Kealakekua
Naiiopuapo
Honaunau
Kulani Camp
Olaa Tree Park
Ojihihale
Kapapala Ranch
Keauwa Camp
Panala
Moauia
Kahiawai
Manuka
Kaaaia
Kiolakaa A + F
Naalehu
Kapua No. 2
South Point Corral
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
UNCOMM/NOAA Asheville N. C.
Revised 7 - 72


PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Guam, WSO
Guam MAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO AP
Woleai Atoll
Truk Moen I WSO AP
Koror WSO
Angaur
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Enlwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
Wake WSO AP
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Honolulu WSO 703 AP
Hilo WSO 87 AP
Johnston Island WSO AP
INTERNATIONAL DATE LINE
LINE ISLANDS
PHOENIX IS
Canton Island
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120°
135°
150°
165°
180°
165°
50°
15°
0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

U S DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

POSTAGE AND FEES PAID
U S DEPARTMENT OF COMMERCE
COM 210



FIRST CLASS



'EBRUARY 1974 Volume 70 Number 2

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

AWAIIAN STATIONS ONLY

IGHEST TEMPERATURE			
4 STATIONS	87	DATE	23+
OWEST TEMPERATURE			
MOUNT LOA SLOPES OBS, HAWAII	27	DATE	21
REATEST TOTAL PRECIPITATION			
MOUNT WAIALEALE 1047, KAUAI	21.42		
EAST TOTAL PRECIPITATION			
3 STATIONS	.00		
REATEST 1 DAY PRECIPITATION			
HALIIMAILE, MAUI	4.05	DATE	1

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE, N.C.

SUPPLEMENTAL DATA

HAWAII AND PACIFIC
FEBRUARY 1974

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT (STANDARD OF TIME GREENWICH CIVIL)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	23	E	16+	-	77	75	87	2	10	7	0	1	0	20	59	
HILO, HAWAII, WSO AP	18	2.9	6.6	20	E	04	87	83	67	84	1	12	10	0	3	0	26	47	6.0
HONOLULU, OAHU, WSO AP	6	6.9	10.6	27	NE	11	82	80	61	73	11	4	3	1	0	0	19	78	5.1
KAHULUI, MAUI, WSO AP	7	7.4	10.4	29	E	24	81	79	56	72	1	6	0	0	0	0	7	82	3.6
KOROR WSO AP	-	-	-	28	SE	20	85	-	80	76	1	8	8	5	0	1	23	44	9.5
KWAJALEIN WSO AP	7	15.6	16.1	30++	9	04	80	80	73	75	5	5	5	1	2	1	19	-	6.2
LIHUE, KAUAI, WSO AP	7	8.4	12.1	23	NE	11	78	76	67	76	3	7	3	0	0	0	13	70	5.2
MAJURO WSO AP	-	-	-	34	E	06	79	79	74	76	5	8	8	3	1	1	26	77	7.1
PAGO PAGO WSO AP	5	4.6	6.4	29	NE	25	91	90	74	80	3	9	7	3	2	1	25	56	8.5
PONAPE WSO AP	-	-	-	19	NE	08+	84	-	76	77	1	4	12	4	4	1	26	53	8.8
TRUK, MOEN I. WSO AP	-	-	-	25	E	05	84	-	78	77	3	4	9	4	4	1	25	62	9.8
WAKE WSO AP	6	11.3	15.3	34	NE	23	78	80	61	68	8	6	2	0	1	0	17	53	4.4
YAP WSO AP	-	-	-	26	NE	28	84	-	78	73	4	7	10	2	0	0	23	62	8.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1974

STATION		TEMPERATURE											PRECIPITATION									
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A														2.47				.0	0				
KANALOHULUHULU 1075		66.9	46.8	56.9		71	25+	41	28+		0	0	0	0	3.41		1.80	3	.0	0		5	1	1
KAPAA STABLES 1104	A														2.70				.0	0				
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 936	A														3.58				.0	0				
LIHUE WSO 1020.1 AP	//R	79.7	69.3	74.5	3.3	81	5+	63	20+		0	0	0	0	.90	- 3.38	.29	2	.0	0		3	0	0
MANA 1026		83.2	61.7	72.5	1.7	85	27+	58	28+		0	0	0	0	.53	- 2.03	.42	3	.0	0		1	0	0
N WAILUA DITCH 1051	A														9.72				.0	0				
PH WAINIHA 1115															4.30	- 8.19			.0	0				
PUEHU RIDGE 1040															3.99	.27	3.95	3	.0	0		1	1	1
WAHIAWA 930	A																		.0	0				
WAIAHI LOWER 1054		78.4	61.3	69.9		82	26+	54	6		0	0	0	0	7.18	- 1.63	2.05	3	.0	0		14	5	1
WAIMEA 947															2.91	- .04	2.91	3	.0	0		1	1	1
ISLAND				68.5											3.79				.0					
* * *																							
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		81.3	68.0	74.7		83	27+	62	21+		0	0	0	0	3.23		1.99	4	.0	0		6	1	1
HONOLULU OBSERV 702.2															3.30		1.90	1	.0	0		2	2	2
HONOLULU WSO 703 AP	R	82.2	66.6	74.4	2.1	85	26+	60	20		0	0	0	0	1.28	- 1.18	.61	1	.0	0		4	1	0
KANEOHE MAUKA 781		78.6	67.7	73.2	2.2	82	4+	63	6		0	0	0	0	5.04	- 1.87	1.61	1	.0	0		10	2	1
KOOLAU DAM 833	A														14.14		2.78	1	.0	0		17	9	4
LUALUALEI 804	A	77.6	62.8	70.2		87	1	58	22+		0	0	0	0	2.50				.0	0				
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															9.24		2.22	1	.0	0		12	7	3
OPAEULA 870	A	79.2	64.5	71.9	5.5	85	24	59	20+		0	0	0	0	5.76		1.50	1	.0	0				
PALOLO VALLEY 718	R														8.50	- 1.52	1.30	1	.0	0		16	6	4
PRI WAHIAWA 820.2	A	79.7	61.0	70.4		84	7	56	21		0	0	0	0	4.58		2.41	1	.0	0				
WAHIAWA DAM 863	A														4.00				.0	0				
WAIAHOLE 837	A														8.01		1.28	1	.0	0				
WAILEE 896.3		79.4	67.1	73.3		82	27+	63	21+		0	0	0	0	4.09		1.78	4	.0	0		7	2	2
WAILUA 847	A	79.0	60.2	69.6	- .1	83	24	57	24+		0	0	0	0	1.69	- 1.96	.62	4	.0	0		5	1	0
WAIKIKI 717.2		82.4	65.5	74.0		86	24	60	6+		0	0	0	0	1.56		.74	1	.0	0		5	1	0
WAIMANALO EXP FARM		79.3	67.1	73.2		83	20	60	5		0	0	0	0	3.50		1.17	2	.0	0		7	2	2
WAIPAHU 750	A														4.09		2.37	1	.0	0				
ISLAND				72.5											4.97				.0					
* * *																							
ISLAND OF MOLOKAI																							
KUALAPUU 534	A														2.01		1.38	1	.0	0		2	1	1
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														2.81		2.36	1	.0	0		1	1	1
MOLOKAI AP 524			64.1	M				60	21+				0	0	2.86		1.73	1	.0	0		4	2	1
ISLAND				.0											2.56				.0					
* * *																							
ISLAND OF LANAI																							
LANAI CITY 672	A	74.4	59.7	67.1	1.2	79	26	57	19		0	0	0	0	2.87	- .35			.0	0				
ISLAND				67.1											2.87				.0					
* * *																							
ISLAND OF MAUI																							
HALEAKALA B E S 434	A														3.71		.93	5	.0	0		9	3	0
HALEAKALA RS 338		58.1	39.2	48.7	- 1.6	69	19	34	17		0	0	0	0	2.92	- 3.82	1.00	7	.0	0		7	1	1
HANA AIRPORT 355		81.0M	66.3M	73.7M		86	11	61	1		0	0	0	0	2.11		.37	27	.0	0		6	0	0
HONOKOHUA 493	A														1.76		.55	1	.0	0			1	0
KAANAPALI AIRPORT		79.7	66.0	72.9		82	26+	62	20		0	0	0	0	.05		.03	1	.0	0		0	0	0
KAHULUI WSO 398 AP	R	82.8	63.1	73.0	1.4	87	23	58	20		0	0	0	0	.12	- 2.52	.03	11+	.0	0		0	0	0
KAILUA 446		74.9M	63.2M	69.1M	1.2	78	20+	61	21+		0	0	0	0	7.04	- 3.25			.0	0				
KEANAE 346	A														M				.0	0				
KIPAHULU 258															4.17	- 3.50	.82	25	.0	0		15	1	0
KULA SANATORIUM 267		70.9	54.8	62.9	2.0	74	26+	51	18+		0	0	0	0	1.79	- 1.66	1.05	6	.0	0		2	2	1
LAHAINA 361		84.9	64.3	74.6	3.1	87	9+	61	12		0	0	0	0	.12	- 1.53	.09	1	.0	0		0	0	0
PAIA 406															4.45	.93	2.31	5	.0	0		6	2	2
WAILUKU 386	A	80.1M	65.3M	72.7M	1.4	85	19+	61	20		0	0	0	0	.22	- 3.59			.0	0		0	0	0
ISLAND				68.5											2.19				.0					
* * *																							
ISLAND OF HAWAII																							
HAINA 214		78.6	62.3	70.5	1.1	81	28+	58	3		0	0	0	0	1.50	- 5.52	.92	9	.0	0		2	1	0
HAWAII VOLCNS NP HQ 54		66.7M	50.6M	58.7M	1.1	72	2	45	1		0	0	0	0	7.38	- 2.85	1.85	10	.0	0		12	4	2
HILO WSO 87 AP	R	81.6	63.5	72.6	1.6	87	1	59	22		0	0	0	0	7.57	- 5.33	1.86	9	.0	0		13	3	3
HUEHUE 92.1	A														5.10	2.39	1.04	5	.0	0				1
KAINALIU 73.2		76.4	59.6	68.0		78	27+	57	22+		0	0	0	0	3.11	.23	.98	13	.0	0		6	2	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
FEBRUARY 1974

STATION		TEMPERATURE												PRECIPITATION									
											NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
KEAA 92		78.8	61.9	70.4	.1	84	3	57	3		0	0	0	0	8.81	- 4.62	2.25	10	.0	0		18	4	2
KEALAKEKUA 26.2		M	M	M							0	0	0	0	5.17				.0	0				
KONA KAILUA 68.3	A	82.5M	66.3M	74.4M		86	13	63	1		0	0	0	0	.59		.35	6	.0	0		1	0	0
KAHUKU NTC 199															1.79	- 5.26	.70	9	.0	0		4	2	0
KAHUKU FARM 74		61.1	43.9	52.5		69	2	38	22		0	0	0	0	6.20		1.65	10	.0	0		11	4	1
PAHALA 21	A	78.5M	59.7M	69.1M	.2	81	18+	56	12		0	0	0	0	1.97		.73	4	.0	0		6	1	0
PAHALA 10.7	A														.41				.0	0			0	0
PUAKO 95.1	A	80.9	64.9	72.9		83	11+	61	20+		0	0	0	0	2.19		1.40	4	.0	0		2	2	1
PULEHUNUI 94.1	A														5.56	2.99	2.70	4	.0	0		4	3	2
PUUKOA 118															2.79	- 7.03	1.08	5	.0	0		5	2	1
WAIAKEA SCO 88.2															9.16		2.11	10	.0	0		15	5	3
ISLAND				67.7											4.33				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE								NO. OF DAYS				PRECIPITATION				SNOW. SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DAYS	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND		90.2M	75.0M	82.6M		92	27+	71	13		22	0	0	0	.09		.09	16	.0	0		0	0	0
FAGA ALU RESERVOIR															20.58		3.70	25+	.0	0		20	12	6
JOHNSTON WSO AP	R	80.8	73.4	77.1		82	25+	69	13+		0	0	0	0	1.45		.41	27	.0	0		4	0	0
LEONE		89.6		M		92	27+					0	0	0	9.05		1.53	19	.0	0		17	7	4
FRENCH FRIGATE SHOALS		78.3M	67.5M	72.9M	2.1	85	27+	62	15		0	0	0	0	4.36	1.45	.86	4	.0	0		9	3	0
LUMA VILLAGE															9.13		1.65	14	.0	0		15	8	2
MIDWAY SAND ISLAND		75.4	66.7	71.1	5.6	81	14	61	27		0	0	0	0	2.43	- 1.29	.54	14	.0	0		7	1	0
PAGO PAGO WSO AP	R	85.4	72.4	78.9	- 1.6	88	10+	70	20+		0	0	0	0	9.46	- 4.70	2.12	19	.0	0		13	6	3
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		83.2	75.8	79.5	1.3	85	20	74	23+		0	0	0	0	2.98	- 1.06	1.06	12	.0	0		8	1	1
CLARK AFB LUZON		86.3	68.6	77.5	- 1.3	91	25+	63	13		6	0	0	0	1.28	.77	.78	25	.0	0		3	1	0
GUAM NAS		84.6	76.5	80.6	1.2	86	9+	75	28+		0	0	0	0	1.81	- .91	.57	12	.0	0		5	1	0
GUAM WSO	R	84.6	72.7	78.7	1.4	87	1	67	11		0	0	0	0	3.13	- 1.13	1.01	12	.0	0		8	1	1
MANGILAO															3.29		.94	13	.0	0		8	2	0
ROTA															9.13		1.00	25+	.0	0		15	9	3
SAIPAN? USCG LORAN		85.5	73.6	79.6		86	28+	67	18+		0	0	0	0	3.78		.68	10	.0	0		12	3	0
WAKE WSO AP	R	82.3	70.6	76.5	- .5	88	3	67	27+		0	0	0	0	2.13	.92	1.55	23	.0	0		3	1	1
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															9.01	2.59	2.07	8	.0	0		17	4	3
ENIWETOK		86.1	75.3	80.7	- .3	88	24	71	18		0	0	0	0	.71	- .79	.41	6	.0	0		2	0	0
FALALOP I, ULITHI		85.4	77.6	81.5		87	28+	73	10+		0	0	0	0	5.40		.97	19	.0	0		12	5	0
KAPINGAMARANGI ATOLL		87.7	76.0	81.9		89	23+	72	24		0	0	0	0	4.26		1.02	13	.0	0		10	3	1
KOROR WSO	R	87.8	75.6	81.7	1.0	90	13+	73	9+		2	0	0	0	7.98	.55	2.30	8	.0	0		14	6	1
KWAJALEIN WSO AP	R	85.9	77.5	81.7	.3	87	24+	74	27+		0	0	0	0	7.90	5.55	2.34	27	.0	0		9	4	3
LELE I. KUSAIE		88.6	75.5	82.1	.8	91	17+	70	28		12	0	0	0	7.48	-12.63	1.10	24	.0	0		20	7	1
MAJURO WSO AP	R	84.6	76.9	80.8	- .4	86	27+	73	9		0	0	0	0	8.07	1.09	2.44	9	.0	0		13	5	2
METALANIM		86.9	76.6	81.8		89	28+	71	28+		0	0	0	0	18.96		3.00	5	.0	0		13	13	6
MOKIL ATOLL																			.0	0				
NGASANG,BABELTHUAP																			.0	0				
PONAPE WSO	R	87.7	75.2	81.5	.8	90	27+	71	28		4	0	0	0	16.56	5.12	4.77	5	.0	0		21	8	5
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I, WSO AP	R	85.8	76.5	81.2	.1	88	28	72	2		0	0	0	0	13.44	7.04	2.85	2	.0	0		18	9	5
WOLEAI ATOLL		88.6	76.3	82.5		90	8+	70	10		4	0	0	0	6.09		1.31	24	.0	0		12	5	1
YAP WSO AP	R	86.6	75.4	81.0	.5	88	20+	74	27+		0	0	0	0	4.27	- 1.14	.58	13	.0	0		12	2	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]	A	2.41	.17	T	T	1.46	.20		.11	.02	T	T	.20		.03			T	T	.05					T	T	.04						
[illegible]	A	6.34	.01	T	T	3.83	.05	.01	.60	.27	T	T	1.30	.01	.02		.01	T	T	.01		.01	.01		T	T	.01	.06	.01	.12			
[illegible]	A	4.32	.05	T	T	1.67	.10		.55	.36	T	T	1.25	.02	.08			T	T	.01			.02							.20			
ELEELE 927	A	1.38	T	T	T	.70			.01	.12	T	T	.54	T		T	.02										T			T			
[illegible]	A	2.88	.47	T	T	1.50	.25		.11	.03	T	T	.16		.05			T	T	.05					T	T	.03			.03			
[illegible]	A	2.84	.14	T	T	.76			.05	.13	T	T	.77	.03	.08	.03							.66		T	T	.05		.04				
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	A	10.75	.53	T	T	4.75	.04		.14	.35	T	T	2.53	.08	.14	.10	.06	T	T	.15		.03	.12	.50	T	T	.46	.06	.54	.18			
[illegible]	A	11.73	T	T	T	4.00	T	T	T	4.17	T	T	2.92	T	T	T	T	T	T	T	T	T	T	T	T	T	.64	T	T	T			
[illegible]	A	1.41	.44	.26	1.80	.05	.02	.01	.04	.26		.08	.25		.01								.05			.05	.02		.06	.02			
[illegible]	A	3.95	.65	T	T	1.35	.10		.40	.23	T	T	.70	.05	.10	.07		T	T	.10		.03			T	T	.07		.03	.07			
[illegible]	A	2.70	.46	T	T	1.28	.12		.05	.03	T	T	.20	.07	.01	.05						.05	.11		T	T	.25			.03			
KEALIA 1112	A	2.48	.16	T	T	1.70	.10		.08	.01	T	T	.10		.05			T	T	.03					T	T	.05			.02			
[illegible]	A	.88	.01	.08	1.65		.01															.14										
KILAUEA 1134	A	3.41	.60	T	T	.33	.02	T	.20	.40	T	T	.31	T	T	.11	.15	T	T	T	T	T	T	T	T	T	.19	T	.34	.07			
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133																																	
[illegible]		MM			.12	.63							.06																.04			
[illegible]	A	3.58	.09	T	T	.90	.16		.10	.44	T	T	1.11	.05	.21		.03					.03	.30		T	T	.03			.13			
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	A	2.13	.07	T	T	1.12	.03		.14	.28	T	T	.38	.03	.06		.01												.01				
[illegible]	A	2.53	.25	T	T	1.26			.12		T	T	.42	.01	.07	.01						.30						.04	.05				
[illegible]	A	2.88	.50	T	T	1.70			.03	.12	T	T	.29	.01	.08							.12		T	T	.01							
LIHUE WSO 1020.1 AP	B	90	.19	.29	.18			T	.06	.09	T	.05	.01	.01	.01						T					.01							
MAKAHUENA POINT 940.1																																	
[illegible]	H	1.47	.01	.07	1.12		.06				.07		.14																				
[illegible]		.51		.06	.42								.05																			
MONTHLY PR CROSS 1083	A	5.83	.60	.60	1.19			.09	.26	.34	.09	.51	.17		.09				.09			.09			1.62		.09					
[illegible]	A	1.91	.50	T	T	.68	.04	.15	.11	.18	T	T	.18		.04		.02								T	T	.04		.03	.04			
[illegible]	R	21.42	.91	2.44	1.22				.63	.94	.75	1.18	.87	.12	.51	.43	2.08	2.01		.04		.08		.35	.35	.67	.87	2.13	2.83				
[illegible]		1.60			1.60																											
[illegible]	A	.74	.91	T	T	3.89	.03		.04	.32	T	T	1.59	.04	.15	.07	.10	T	T	.67		.06	.34	.09	T	T	.48	.13	.63	.08			
[illegible]		4.30	.52	T	T	.31	.05	.09	.26	1.28	T	T	1.62	.02	.04					T					T	T	.04		.02	.05			
PRINCEVILLE RANCH 1117		3.80	.85	T	T	.48		.23	.29	.98	T	T	.61	.01	.04	.01	.01	T	T	.08			.06		T	T	.07		.06				
PUEHU RIDGE 1040		3.99			3.99																		.04									
PUHI 1013	A	1.12	.10	T	T	.40	.02		.12	.08	T	T	.21	.04	.03								.12									
[illegible]	A	-	-	-	-																											
[illegible]	A																															
[illegible]		7.18	.33	.15	2.05				.85	.18	.69	.18	.53	.04	.12	.08	.05	.06				.02	.49	.12	.20	.15	.02	.03	.03	.81			
[illegible]		7.84	.50	1.39	2.21	.01			.03	.25	.65	.85	.55	.25	.02		.01	.03	.04	.03			.12	.40	.04	.02		.10		.32			
[illegible]		1.92			1.86	.01		.02					.02									.05										
[illegible]	A	3.41	.13	T	T	2.80			.02		T	T	.10		.03								.25		T	T	.04			.04			
[illegible]		2.41			2.41																											
[illegible]	A	2.78	.03	T	T	1.47	T		.37	.34	T	T	.52	T	.03		.01	T	T	.01										T			
[illegible]																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		1.32	.20	.09			T	.13	T	.23	1.50	.21	.56	.01	.13	T	T										T		.22	.04			
[illegible]		1.54	.95	.55								T	.01				.01													.02			
CAMP 84 807	A	3.65	1.41	T	T	.74	T	T	.01	T	T	T	.53	T	T	.16	T	T	T	T	.05	T	T	T	T	T	.69	T	.06				
CHURCH COLLEGE LAIE		1.23	.26	.03		1.99	.10	T	T	.33	.05	.17	.05	T	.15	T					.03						.02		.05			
[illegible]		2.49	1.05	.12		.01	.12		.05	.22	.07		.25		.08				.11						.07				.10			
EWA PLANTATION 741		1.48	2.16	T	T	1.23						T	.07					T	T	.03												
HELEMANO INTAKE 881	A	3.02	T	T	T	4.53	T	T	.22	T	T	T	1.14	T	T	T	.90	T	T	.83	T	T	.90	T	T	T	.30	T	T	.40			
HON. [illegible]	A	3.57	T	T	T	2.89	T	T	T	T	T	T	T	.21	T	T	T	T	T	.43	T	T	T	T	T	T	T	.04	T	.03			
HONO. [illegible] OBSERV 702.2		1.30	1.90	1.34	T								.05						T													
HONOLULU WSO 703 AP	R	.28	.61	.01			.28		T	.03	T	.16	T	T	T	T	T	T	.01	T			T		.03			T	.15			
HOND. [illegible] S BSTA 704	R		.72	.16			.10		.08	.13		.16	-	-	-	-												.05	.12			
H S P A EXPTL STA 707		1.23	1.05	.18				.64	.02	.38	.16	.05	.30	.02	.16	.01								T					.23	.03			
KAENA POINT 841.3		T	.22	T	T	T	T	.27	T	.33	T	T	.27	T	T	.43	.03						.13	T	T	T	T	T	T	T			
KAHUKU 880	A	13.34	T	T	T	3.46	T	T	T	T	T	T	.20	T	T	T	T	T	T	4.06	T	T	T	T	T	T	.62	T	T	T			
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		2.81	1.53	T	.05	T	.20		.15	.16	.10	.10	.30		.02		.04		.07			T	.02		.02	.02			.03			
KAIMI REC SITE 777	R	8.48	2.50	.10	.02		.08	.20	.96	.46	.24	.82	.06	.22	.20	.74	.66	.26	.20	.02						.02		.42	.28	.02			
KANEOHE MAIKA 781		5.04	1.61	.45	.01	.08	.37	.55	.30	.10	.30	.05	.43	.05	.23	.24	.02	.01	.08			.08		.01					.07			
KAPALAMA 773	A	1.96	1.47			.35		.03		.42			.25								.35						.10		.07	.12			
KAWAINUI 841	H	1.48	.30	T	T	.23	.01	.15		.07	T	T	.26		.07	T		T	T	.02				.14			T		.03				
KAWAI [illegible] INTAKE 880.2	A																															
KEMOO [illegible] B 856	A	1.93	.96	T	T	.23			.06	.04	T	T	.20		.05	.02	T	T	T	.06					T	T	.07		.20	.03			
KEWALO [illegible] 831	A	14.14	2.78	.81		.39			1.48	.79	.66	.70	2.40	.04	1.62	.56	.22	.42	.27	.25	.09	.04	.08	.05		.05	.10	.11	.21			
[illegible]	A	.50	1.46	T	T	.01	.01	T	.10			.10		.10										.18	T	.05		T	.50			
[illegible]	A	.00	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T			
MAKAHA #1 796.1	A	1.16	.60	.20		.39	.15					T	.01											.01				T				
MAKAHA FARM 860.2	A	2.12	1.40	.56																				.08		.08						
MAKAPUU POINT 724							-	-	-	-	-	-	-	-	-			-	-	-			-	-	-	-	-	-	-			
MANOA 714.1		7.15	2.18	.31				.56	.17	.92	.43	.11	.73	.09	.61	.15	.06	.07	.08					T			.06	.02		.45	.21		
MANOA TUNNEL 2 71F	R	9.36	1.38	.28			1.26	.14	.74	1.18	.14	.50	.20	.70	.66	.34	.14	.38	.16	.06		.16		.06	.02			.18	.60	.08			
MOANALUA 770		4.25	1.52	.59				.58	.06	.10	.18	T	.61	.02	.11	.02	T	.05	.11	.01				.25				T	T	.04			
MUUANU RES 4 783		9.24	2.22	.08	.02		.04	.12	.60	.80	.06	.56	.04	.28	.62	1.36	.40	1.08	.06	.02			.02	.02	.04			.46	.34			
MUUANU RESERVOIR 85	A	7.58	T	T	T	2.12	T	T	T	T	T	T	3.00	T	T	T	T	T	T	T	1.32	T	T	T	T	T	.32	T	T	.82			
[illegible]	A	6.76	1.50	T	T	1.10			.10	.70	T	T	.72	.03	.50	.40	.08	T	T	.28										.30	.05		
[illegible]		5.58	2.30	.68		.10	.01	.40	.40	.25	.35	.23	.15	.01	.02	.15	.17	.01	.08			.06	.02	.01					.19			
PALOLO VALLEY 718	R	8.50	1.30	.34			1.12	.34	1.08	1.00		.40	.12	.82	.70	.14	.12	.22	.16			.02	.02					.10	.42	.08			
PAUOA FLATS 784	R	10.08	.48	.18			.08	.18	.84	1.22	.18	1.02	.18	.98	1.40	.52	.32	1.10	.06	.02	.02	.06	.08	.04	.02		.02	.50	.56	.02			
[illegible]			.71								.21	.06		.07	.03		.23													.11			
[illegible]	A	4.58	2.41	T	T	1.06			.06	.05	T	T	.50		.21	.01		T	T	T	.18								.12				
P.M.H.B.M. [illegible] 709	A	4.37	1.30	.41				.72	.03	.28		.40	.24	.20	.26	.02	.04				.01			.02			.03		.18	.23			
[illegible]		5.38	1.68	1.30	T	T		.37	.57	.26	.18	.13	.23	T	.06	.14	.08			.04		.02	T	.20	.02	T			.02	.08			
TANTALUS 2 780.5		8.65	2.18	T	.73			.58	.08	.82	.61	T	T	1.01	T	1.33	T	.42	T	T	.05		T	.17	.02	.04	.01		.38	.22			
UNIV OF HAWAII 713	A	4.14	1.92	T	T	.36		.13	.17	.17	T	T	.75	.03	.37	.01	T	T	T	T	.01						T		.14	.06			
[illegible]		1.48	.30	.67	.05	.26			.64	.08	.16	.79	1.30	T	.35	.25	.03	.12	.04	.11		T				.11	T		.18	.05			
WAHIAWA FARM 863	H	4.00	1.08	T	T	.42			.75	.05	T	T	1.11	.01	.19	.04	.01	T	T	.10		.09		T	T		.03	.03	.08	.01			
WAIAHOLE 837	A	8.61	1.28	T	T	.83	.76	.35	.39	.26	T	T	1.18	.03	.08	.36	.36	T	T	.33	.02	T	T	.04	T	T	.31	.17	.34	.02			
WAIALAE KAHALA 715		2.41	1.56	.09	T			.02	.03	.07	.19	.04	.14	.02	.20	.02		.02	.01									T				
WAIALEE 886.3		4.04	.35	.01		1.78	.10	.02	1.15	.11	.14	.08	.02		.12			.05	.03						.03			.06	.04			
[illegible]	A	1.69	.32	.01		.62	T	.02		.16		.04	.12	T	.02	T		.07						.25			.03	T	.03				
[illegible]	A	1.74	1.18	.12			.04						.05		.01									.26		.05			.01			
[illegible]																																	
[illegible]	A	14.14	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	14.17			
[illegible]	A	1.11	T	T	T	3.94	T	T	T	T	T	T	3.50	T	T	T	T	T	T	1.58	T	T	T	T	T	T	.31	T	T	T			
[illegible]		1.58	.74	.30				.06	T	.04	.13	T	.12		.10	.02		.03	T										.02			
[illegible]		3.60	1.12	1.17	.01			.42	.01	.20	.18		.24	.03	.02															.10			
[illegible]	A	4.18	.50	T	T	.75	.01		.85	.12	T	T	.63		.23	.23	.07	T	T	.18				.36	T	T	.02		.20	.03			
[illegible]		4.03	.37	T	T	1.31				.05	T	T	.15		.05	.02		T	T	.11					T	T	.01		.02				
[illegible]	R	4.24	.16	.64			.48	.04	.60	.44	.08	.60	.06	.40	.12	.02			.04										.38	.04			
[illegible]																																	
[illegible]																																	
[illegible]	H	1.51	.53					.11	.36	.12			.11	.33	.21	.06				.04	.02					.04							
[illegible]	A	.03																															
[illegible]	A	.00																															
[illegible]	H	2.61	1.38			.41	.13			.04			.06	.03	.04						T		.02										

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	2.81	2.36	x	x	.35			.01	x	x	x	.03		.02								.01	.03									
MOLOKAI AP 524		2.86	1.73	T		.06	.64	T		.10	T	T	.05	T	T								.28									
PUUOHOKU RANCH 542.1		.78					.07	.04	.13	.24	x	x	x	x	.15	.08	.03							.04									
WAIKOLU 540	A	4.00	x	x	x	1.00	x	x	x	x	x	x	x	x	x	x	2.55	x	x	x	x	x	x	.30	x	x	x	x	x	.15			
x x x																																	
ISLAND OF LANAI																																	
KANEPUU 690	A	1.52	x	x	x	x	x	x	1.25	x	x	x	x	x	x	.10	x	x	x	x	x	x	.17										
KAUMALAPAU HARBOR 658	A	.86		x	x	T					x	x	.35				.08					x	.43										
LANAI CITY 672	A	2.87	.42	x	x	1.22									T	.05	.12					.21	.52	.29					.04			
LANAIHALE 684	A	5.30	x	x	x	3.00	x	x	.10	x	x	x	x	x	x	.10	x	x	x	x	x	x	x	2.05	x	x	x	x	x	.05			
MAHANA 694		2.00	x	x	x	x	x	x	1.70								x	x	x	x	x	x	x	.30									
MALAUEA 676	A	.84	x	x	x	x	x	x	.35	x	x	x	x	x	x	x	x	x	x	x	x	x	.49	x	x	x	x	x	x	x			
WAIAKEAKUA 685	A	1.43	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.02	x	x	x	x	x	x	x	x	x	x	x	x	41			
x x x																																	
ISLAND OF MAUI																																	
AUWAHI 252	A	1.79					1.23	.52																									
HALEAKALA B E S 434	A	3.71	.24	.01	.32		.93		.04	.24	.60	.10	.64	.14	.36	.04		.03											.02				
HALEAKALA RANCH 432	A	2.82	x	x	x	x	1.39	x	.72	.12	x	x	.45	.14	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
HALEAKALA RS 338		2.92	.46		.03	.02	.18	T	1.00	.16	.46	.18	.12	.05	.03	T	T	T	T	T			.04				T	T	T				
HALEAKALA SUMMIT 338.4	A	.68	x	x	x	.08	T		.06	.09	x	x	.43										.02				T						
HALIIMAILE 423	A	5.35	4.05				.07			.16	x	x	.68	.05	.32	.02																
HAMAKUAPOKO 485		4.73	1.28			.04	.93		T	.14	.25	.35	.21	.07	.51	.62		.05	.01								.07	.15	.05				
HANA 354	A	1.56	.01		.4	.12		.04	.06	.06	.09	x	.30	.09	.02	.15			x	.18				.01		x	.21		.13	.09			
HANA AIRPORT 355		2.11	T	T	.03	.02	T	.06	.04	.32	.28	.04	.16	.07	.08	.17	.08	.03			.05	.02	.07	T	.06	.01	.18		.37	T			
HANAHULI 281		3.95	.32		.20	.05			.28	.20	.25		.30	.27	.12	.48	.07			.14	.18	.32	.02		.12	.04	.26	.08	.22	.03			
HOLUA CABIN 259.5	A	4.37	3.12	x	x	x	x	x	x	x	x	.4	x	x	x	1.20	x	x	x	x	x	x	.05	x	x	x	x	x	x	x			
HONOKOHAU 480	A	3.20	.4	x	x	x	.4	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	3.20			
HONOKOHUA 493	A	1.78	.55							.04	.05	x	.13	.02	.42	.40		.09											.04	.02			
HONOMANU GULCH 341	A	3.10	x	x	.4	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.10			
KAANAPALI AIRPORT		.09	.03								T		T		.02																	
KAHOMA INTAKE 374	A	.37																												.37			
KAHULUI WSO 398 AP	A	.12				T				.02	.02	.03	.03	.01	.01																		
KAILIILI 436	A	6.06	x	.4	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	6.06			
KAILUA 446		7.04	1.00	.4	x	.01	.01		.06	.39	x	x	1.85	.20	.92	1.01	.05	x	x	.61			.12	.03	x	x	.30	.18	.30				
KAUAULA INTAKE 375	A	2.93				1.70							.78							.45													
KEAHUA 410		1.76	1.10				.42	T		T	.03	T	.06	.05	.10	T																	
KEANAE 346	A	.00	.4	x	.4	.4	.4	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
KEAWAKAPU BEACH 260.2		.48	.16		.33																.02											
KIHEI 311		1.27	.62				.65		T																								
KIPAHULU 258		4.17	.27			.10			.34	.10	.22	.30	.35	.20	.25	.32	.09			.27		.17		.10			.82	.05	.22				
KULA HEIGHTS 323.2		.57	.33		.11		.03		.03	.02					.05																	
KULA SANATORIUM 267		1.78	.54		.03	.02	.08	1.05	.03	.01					T						.02				.01		T					
LAHAINA 361		.12	.09				.03																									
LAUNIUPOKO INTAKE 376	A	2.00	x	x	x	.4	x	x	x	x	x	x	.4	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	2.00			
LAUNIUPOKO VILLAGE 372	A	1.69	.48				1.00																						17				
LUPI UPPER 442	A	8.00	.4	x	.4	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	8.00			
MAHINAHINA 466	A	1.33	.47							.03			.20	.03	.30	.25				.05												
NAKALELE FIELD 60 497	A	2.63	x	x	x	1.60	x	x	x	x	x	x	.49	x	x	x	x	x	x	.54													
OLINDA 332	A	.98	.25	.73																													
OLOWALU 296		.29	.07				.18																										
PAAKEA 350		8.81	.32			.01	x	.4	x	1.27	.85	.55	.70	.51	.51	1.22	.23	.86	.27	.03	.03			.04	.14		.55	.21	.51				
PAIA 406		4.45	1.22			T	2.31	.01	T	.01	.20	.15	.21	.08	.24	.02											T	T	T				
PANJEIHULU 259.2	A	5.48	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.00	x	x	x	x	x	x	x	x	x	1.48	x			
POHAKEA BRIDGE 307.2	A	.78	.46				.33																										
POLIPOLI SPRINGS 267.2	A	3.20	x	x	x	x	x	.4	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.20			
PUOKAMBA 2 343	A	12.40	x	.4	x	x	x	.4	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.40			
PUUMENE 396		1.08	1.05				.03						T	.01																		
SPRECKELSVILLE 400.2		2.57	2.24				T				.08	.02	.11	.05	.06	.01																
TWIN GATES 261.3	A	3.12	x	x	x	3.12	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
UKULELE 333	A	2.35	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.35			
UKUMEHAME 301	A	.20	.05				.15																										
ULUPALAKUA RANCH 250		x	.13			.59	.83	1.09	.01	x	x	x	x	x	.34															x			
WAHIKULI 364	A	.34	.34																														
WAIEHU CAMP 484	A	.73	.03			.32	.12	.02			.04		.17			.09																	
WAIHEE VALLEY 482	A	1.54	.04			1.05	.17	.03		.05	.14		.04			.02																	
WAIKAMOI 448	A	8.60	.4	x	.4	x	x	x	.4	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	8.60			
WAIKAMOI DAM 336	A	.21	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	.01	.20				
WAIKAPU 390	A	1.63	.81				.82																										
WAILUKU 386	A	.22	.02	x	x	.06	.02				x	x	.06	.02	.04																		
WAIOPAI RANCH 256	A	2.37	1.15											x	x	x	.40								x	x	.82	x	x	x			
x x x																																	
ISLAND OF HAWAII																																	
AHUA UMI 75	A	1.30	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	1.30			
AWINI 182.1	A	.00	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
CITY OF REFUGE 27.4		2.15				T			.15	.01	1.69	.05	.05		.12					.05	.01	.01					.01						
EAST HONOKANE 183.2	A	.00	x	x	x	.4	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x			
HAINA 214		1.50	.01		.04						.92	.02	.44	.04	.03																	
HAKALAU 142		4.83	.11	.05		.01	.01			.51	1.12	.86	.74	.01	.06	.03	.08	.16		.02	.01		.11	.04	.13	.18	.03	.21	.23	.02			
HALEMAUMAU 52	A	3.72	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.20	x	x	x	x	x	x	x	x	x	x	x	52			
HALEPIULA 117	A	3.02	.4	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	3.02			
HALEPOHAKU 111	A	1.69	T	T	T	.35	.18	.46	.03	.04	.10	.21					T						1.10		.23								
HAWAII VOLCNS NP HQ 54		7.38	T	T	T	.06	.06	1.80	T	.07	.75	1.85	.62	.07	.07	.06	.16	.37	x	.09	.10	T	.21	.02	.32	.31	.19	.08	.10	.02			
HAWI 168	A	.89	.03				.02			.01	x	x	.25		.22	.25		.4	.4	.07								.02	.02				
HILO COUNTRY CLUB 86.6		8.73	T		.16	T	.23	T		.55	1.44	1.55	1.61	.15	.02	.10	.32	.76	T	.03	.04	T	.13	.02	.42	.40	.24	.14	.22	.10			
HILO WSO 87 AP	W	7.57			.13	.04	.01		.05	.38	1.33	1.86	1.59	.01	.14	.10	.04	.09	.07	.02	.10	T	.05	.20	.09	.24	.05	.35	.43	.08	.12		
HOLUALOA 70	A	2.34	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.34		
HOLUALOA BEACH 68	A	.16	x	x	x	x	x	x	x	x	x	x	x	.16	x	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x			
HONAUNAU 27		7.30		x	x	x	.86	1.52	1.50			x	2.04		.26							.09					.93		.10				
HONOKINA 137		7.39		.71				.01	.01	.60	2.48	1.61	.71	.08	.08	.07	.14	.12		.02			.20	.05	.03	.08	.02	.15	.13	.09			
HONOKANE 181.1	A	.00	x	x	x	x	.4	x	x	.4	.4	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	x	x			
HONOMU MAUKA 138		10.83		.51	.02		.18	.01		.71	3.45	1.80	.95	.09	.21	.05	1.18	.51		.06	.07		.25	.07	.05	.33	.08	.07	.52	.06			
HONUAULA 71	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	.4	x	.4			
HUALALAI 72	A	.00	x	x	x	x	.4	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
HUEHUE 92.1	A	5.10	.28	.04	x	.38	1.04	x	x	.4	.90	.62	x	x	x	.4	x	x	x	x	x	.10	x	x	x	.30	.44	.70	.15	.15			
KAALUA IKI 12	A	2.35				.64	x	x	x	.48	T	.26	x	x	x	x	.04	.4	x	x	x	x	x	.46	.27	.01	x	x	x	.19			
KAAWALOA 29	A	3.00		x	.4	.4	.10	.76	.45	.15	x	x	.83		.47							.05		.15	.4	.4	.04						
KAIMALIU 73.2		3.11	.02				.10	.36	.90	.02	.20	.09	.07	.02	.98	.02				.07	.02	.10	.02	.03			.06	.03					
KALAPANA MQ 1 67.8		7.07	.01	1.91	.11	.01	T		.03	.04	1.15	.21		.04	.12	.09	.07	.11	.06	.08	.14	T	.20	.04	.92	.68	.04	.29	.70	.02			
KAMAOA MQ 2 5	A	.78	x	x	.08	x	x	x	x	x	x	.07	x	x	x	x	x	x	.14	x	x	x	x	x	x	.47	x	x	x	x			
KAMUELA 192.2		.90				.10		.12					.03	.17		.15							.33										
KAPAPALA RANCH 36	A	7.28	x	x	4.10	.4	x	x	x	x	x	2.30	x	x	x	x	x	x	.10	x	x	x	x	x	x	.76	.4	x	x	x			
KAPOHO LANDING 93.5	A	5.06	x	x	x	.21	x	x	x	x	x	x	3.00	x	x	x	x	x	x	x	1.23	x	x	.4	x	.4	.62	x	.4	x			
KAWAINUI LOWER 193	A	4.81	2.25	.4	x	x	x	x	x	.30	x	x	x	x	x	x	2.10	x	.4	x	x	x	x	.15	x	x	x	x	x	.4			
KEAAU 92		8.81			.01				.01	.45	1.66	2.25	.33	.12	.18	.62	.25	.40	.03	.10	.05	.02	.18	.14	.26	.68	.30	.28	.20	.29			
KEALAKEKUA 26.2		x	x	x	x	x	1.09	x	.4	x	x	x	3.20	.4	x	x	x	x	x	.37	x	x	x	x	x	x	.51	.4	x	x			
KEHENA 181.2	A	.00	x	.4	x	x	x	x	x	x	x	x	.4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.4			
KIOLAKAA A & F 6	A	2.80	x	x	x	x	x	.4	x	x	x	.4	.4	x	x	.4	x	x	x	.4	x	x	x	.4	x	-	.4	.4	.80	x			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]	11.07			.11			.17		.01	.35	1.86	2.75	2.08	.33	.17	.12	.34	.63		.04	.04		.18	.04	.31	.28	.20	.14	.44	.28			
[illegible]	1.56	.09								.04	x	x	.45	.04	.32	.37		x	x	.08							.07	.10				
[illegible]	1.13	.05							.01	.02	.30		.10	.01	.20	.40	.01	.04					T				.02	.02	.01			
[illegible]	4.16	.26	x	x	x	x	x	x		.12	x	x	x	x	x	x	1.74	x	x	x	x	x	x	.05	x	x	x	x	x			
[illegible]	.53				.1		.15	.04	.05			.07															.03		.04			
[illegible]	.25				.20														.05													
[illegible]	2.58	.01	.1	.1		.05				.62	.58	.70	.38					.02				.22						T				
[illegible]	.73	.15						.02	.01	.70	.02	.51	.09	.10	.07	.09												.03				
[illegible]	.53	.11										.76	.02	.11	.01	.02																
[illegible]	1.10				.29	.06	.70	.03	.18	.75	1.65	.95	.05	.04	.06	.16		.24		.03	.03		.23	.02	.40	.19	.07	.04	.03	.01			
[illegible]	2.25			.1	.65	.30		.05	.20	.60	.30											.05										
[illegible]	2.23	x		.62	x	x	x	x	x	2.35	x	x	x	x	x	x	2.40	x	x	x	x	x	x	x	x	x	x	x	x			
LAMIHAU 68.2	4.84	.03				.74	1.17	.86	.43	.08	.20	.61												.19	.05		.06	.32		.08			
[illegible]	.03																															
[illegible]	.46					.50	.01	.30	.10			T												.05								
[illegible]	.11	.03		.04			.02	x	.02				T																			
[illegible]	.28				.10	.08	.02			.02												.02				.02						
MIDDLE HOLUALOA 68.1	.64	x	x	x	x	x	x	x	x	x	x	.65	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
[illegible]	.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x			
[illegible]	1.50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.50			
MOUNTAIN VIEW 91	10.15			.31		.05	.54	.01	.49	2.15	2.93	.44	.12	.11	.08	.28	.42	.04	.11	.09	.04	.24	.05	.20	.54	.24	.15	.37	.14			
[illegible]	.84		.26	T	.11			T		T	.05					.06			.05			.08		.33	.01				.05			
[illegible]	1.42	x	x	x	.42	x	x	x	x	x	x	2.32	x	x	x	x	x	x	x	.28	x	x	x	x	x	.40	x	x	x			
NIULII 179	1.75	.52						.05	.05	x	x	.56	.03	.19	.26													.07	.02			
[illegible]	2.76	.01	.13	T		.03	T		.03	1.10	.69	.14	.06	.06	.01	.16			.01			.22	T					.01	.04			
[illegible]	3.84					.49	.17	.07	.53	T		.10				T			.06	.04	T	.15	.58	.15	T	.04		.01	.03	1.42			
ORCHID LAND EST 81.5	9.57	x	x	x	1.67	x	x	x	x	x	x	5.15	x	x	x	x	x	x	x	x	1.44	x	x	x	x	x	1.41	x	x	x			
[illegible]	.02	.01	x	x	.01					x	x	.95	.02		.01																	
[illegible]	1.91	.01	T	T		.10	T			.68	.25	.47	.27	T								.13	T				T					
[illegible]	1.97			.13	T	.73		.02	.25		.18										.02	.40		.19					.05			
[illegible]	10.23			.50	.75	.34	.06	.09	.12	.72	1.46	1.99	.30	.26	.18	.19	.14	.10	.01	.03	.23	.15	.23	.06	.25	.66	.29	.19	.47	.44			
[illegible]	5.52	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.50			
[illegible]	8.28			.01			.08		.02	.12	1.95	1.74	1.28	.18	.25	.05	.34	.46	.01	.01	.07		.25	.04	.11	.11	.15	.23	.58	.26			
PAPAIKOU MAUKA 140.1	4.47			.71	.04		.12		.02	.17	1.27	2.25	1.78	.16	.13	.04	.35	.47		.13	.10		.33		.13	.35	.09	.13	.37	.13			
[illegible]	12.30	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.30	x			
PUHAKULOA 107	.41	.04	x	x	x	x	x	x		.37																		x	x			
[illegible]	2.13				1.40	.74						.01						.01				.03						T				
[illegible]	2.37	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	2.37			
[illegible]	2.15	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	2.15			
PUU LEHUA 73	1.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	1.80			
[illegible]	1.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	1.75			
[illegible]	1.07	1.07																														
PUU WAAWAA 94.1	5.56	.01			2.70	1.69		.21				.06									.02	.04						.02		.01			
[illegible]	12.11	x	x	x	x	x	x	x	2.23	x	x	x	x	x	5.75	x		x	x	x	x	2.30	x	x	x	x	x	x	1.83			
[illegible]	1.56	x	x	.09	x	x	x	x	x	x	.69	x	x	x	x	x		x	.25	x	x	x	x	x	.36							
[illegible]	2.73	.03			.27	1.08	.03					.81	.47													.10						
[illegible]	.1																															
[illegible]	1.18					.21	.10	.02	.84	1.90	2.11	1.35	.20	.03	.10	.22	.50	.05		.09		.08		.20	.35	.17	.13	.41	.02			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
FEBRUARY 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
CANTON ISLAND		.09					T											.09														
FAGA ALU RESERVOIR		20.58	3.70	.50		2.30			.15	.35	.90	.50	1.05	.20	.65	.20	.05	.50	.30			2.72	1.50	.40	.20	.56	3.70			.15			
JOHNSTON WSO AP	R	1.45	.06		T	.01	T	.01	.02	.16			.03	.01	.25	.04	T		.09	.05	.06	.03			.01	.07		.11	.41	.03			
LEONE		9.05	.01		1.03	.03		.11	.42	.15	.18	1.12	.35	.01	.16	.12	.50	.15		.06	1.53	.69	.15	1.30	.30		.65	.03				
FRENCH FRIGATE SHOALS		4.36		.06		.86		.84			.46	.02					.44			.12		.03			.78	.14	.06	.15	.40			
LUMA VILLAGE		9.13	.01		.52	.14	.10	T	.02	.06	.05	.34	.41	.13	.04	1.65	.42	.02			.74	.89	.52	.60	.04	1.62	.52	.01	.07	.21			
MIDWAY SAND ISLAND		2.43	.22	.43		.19	.04	T		.08	.03				T	.54	.11	T			T	.03	.09	.01	.07	.13	.03	T		.43			
PAGO PAGO WSO AP	R	9.46	T		1.67	.09	T	.11	T	.04	.01	.05	.18	.96	.04	.10	.75	.01			2.12	.32	.37	.38	1.46	.16	.60	.01	.01	.02			
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * WESTERN PACIFIC IS., NORTH OF 12 N																																	
ANDERSEN AFB GUAM		2.98	T	.01	.05	T		.23	.05	.10			.06	1.06	.34	T	.48	.16	T	.07	.01	.03	T	T	.16	.15	.02			T			
CLARK AFB LUZON		1.28						.32									T										.78	.18					
GUAM NAS		1.81	T	.02	.04	.02		.17	.03	.08	.03	.27	T	.57	.21		.10	.04	.02	T	.01	.03	.01	T	.08	T	.07			T			
GUAM WSO	R	3.13		.05	.03	.01		.23	.21	.07			T	1.01	.31	.02	.35	.32	.19	.04	.09	.01	.02		.02	.15	T						
MANGILAO		3.29		.04	.07	.05		.77	.12	.05		.08	.18	.03	.94		.06	.22	.11	.10	.02	.03	.07			.09	.15	.06		.05			
ROTA		9.13	T	T	.10	1.00	T	T	.20	.94	.56	T	.84	1.00	.30	T	T	T	.05	.16	.40	.85	T	.50	.07	T	1.00	.68	.10	.38			
SAIPAN? USCG LORAN		3.78	.03		.06		.53	.03		.24	.01	.68	.58	.12		.05	.07	.11	.25	.13	.02	.14	.22	.32	.06	.13							
WAKE WSO AP	R	2.13	T	.02	.01	T	.14	.05	T			T		T	.01	T			T			.09		.24	1.55			T	.02				
* * * CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		9.01			.17	.12			.36	2.07	.17	.06	.01		.75	.14	.08	.18	.38	.11	.36	.21	1.65	.07	.22	.02	1.35	.40	.13				
ENIWETOK		.71				.01	.02	.41									.13			.03							.08	.01		.02			
FALALOP I. ULITHI		5.40		.07				T	.87	.72	.18	.11	.02		.54	.27	.54	.03	.12		.97			.03		.34		.27	.32				
KAPINGAMARANGI ATOLL		4.26				.31				.71	.10	.10	.45	.28	1.02	.51				.02								.02	.48	.26			
KOROR WSO	R	7.98	.03	.02	.49	.51			.67	2.30	.95	.01	T		.12	.02	.01	.65	.05	.17	.08	.50	.13	.24	.40		.49	.02	.12				
KWAJALEIN WSO AP	R	7.90		T	.01	1.95	1.32	.04			.19	.02	T	T	.04	T		.39	.02	.34	.18	.86						.20	2.34	T			
LELE I. KUSAIE		7.48	.23	.18	.05	.50	.03	.13	.50	.14	.45	.38	.84		.51	.02			.11		.11	.14	.64	.34	.11	1.10		.13	.56	.27			
MAJURO WSO AP	R	8.07	.08		.38	.40	1.02	.74	.04	T	2.44	.01	T	.06	.08	.02	T	.10	.05	.02		.11	.16	.43	.12	T	.23	.99	.59	T			
METALANIM		10.96	.25	.78	2.00	.68	3.00	.47	.22	.58	.02	2.18	.84	.52					.16	.63	2.00	.60	.30	2.44	1.03	.03	.15		.05	.03			
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG, BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POMAPE WSO	R	16.56	.41	.96	.18	.30	4.77	.19	.25	1.27	T	1.22	.63	.04		.18	.01	.04	.42	1.28	.39	.37	.32	1.15	.69	.23		.37	.88	.01			
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	13.44	1.61	2.85	.08		.18	.61	.12	1.11	T		T	1.58	.06	.27	.18	.05	.34	.60	1.08	.10	.05	.58	.95	.29	T	.37		.37			
WOLEAI ATOLL		6.09			.93		.11		T	.03	.08	.28			.56	.61	.06			.26	.67	.37		.13		1.31	.47		.22				
YAP WSO AP	R	4.27		.03	.04	.01		.02	.25	.03	.51	.19	.29	.43	.58	.07	.12	.33	.31	.38	.04			.20	T	.44	T		T	T			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
[illegible]	MAX	66	65	66	65	64	64	63	67	68	65	63	64	67	65	69	70	65	69	67	64	69	71	69	70	71	68	67	69				66.9
	MIN	55	52	53	42	42	46	49	55	54	54	52	50	49	41	42	44	44	41	44	46	43	43	42	48	50	45	45	41				46.8
[illegible]	MAX																																
	MIN																																
[illegible]	MAX	80	80	81	78	81	80	78	80	80	79	78	78	79	80	80	80	80	80	80	80	80	80	80	80	80	80	79	80				79.7
	MIN	69	75	67	63	65	63	72	72	72	69	71	71	68	72	74	70	67	69	64	63	65	74	68	74	73	74	73	69				69.3
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
[illegible]	MAX	82	83	82	84	82	82	83	85	82	84	81	82	83	83	81	84	84	85	85	85	81	84	83	85	84	85	85	80				83.2
	MIN	60	66	64	64	63	64	62	64	64	60	59	63	58	60	60	63	64	59	61	62	62	61	59	64	61	60	62	58				61.7
[illegible]	MAX	78	78	79	77	78	80	78	79	80	79	78	76	76	78	76	77	79	78	79	80	79	80	80	79	80	80	81	76				78.5
	MIN	62	63	64	60	60	59	58	60	60	58	56	58	58	57	58	57	60	59	60	61	59	60	61	60	59	60	60	58				59.5
[illegible]	MAX	77	78	81	80	82	79	76	77	75	76	79	76	77	78	78	77	78	79	80	78	78	80	80	80	77	82	79	78				78.4
	MIN	62	64	65	55	56	54	61	66	66	66	63	59	60	60	64	58	59	60	56	56	55	62	61	67	66	64	66	66				61.3
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	82	83	82	81	81	80	81	80	81	81	77	78	78	81	82	82	82	82	82	82	82	83	83	83	83	82	83	79				81.3
	MIN	67	66	63	63	62	62	70	69	70	68	67	69	67	71	73	71	67	65	64	64	62	72	73	73	72	73	70	71				68.0
[illegible]	MAX	77			81	82	82	81	82			80	78	78	79	82			83	83	82	82	83			83	83	83	80				81.2
	MIN	67			62	60	60	60	66			65	63	63	63	62			64	60	60	59	61			63	64	65	62				62.5
HONOLULU WSO 703 AP	MAX	80	80	81	81	81	81	82	82	83	80	80	80	80	82	84	84	84	84	82	81	82	84	83	85	85	85	81	84				82.2
	MIN	71	69	66	63	61	61	67	70	69	71	70	68	67	66	63	67	67	68	61	60	62	65	67	71	71	68	70	66				66.6
HONOLULU SUBSTA 704	MAX	79	79	79	79	78	81	78	78	77	77	76	74	75	80	80	80	79	80	79	77	79	78	82	78	78	80	77	76				78.3
	MIN	69	70	69	69	67	67	71	69	69	69	66	65	66	66	67	71	70	72	68	68	68	70	72	74	73	72	70	70				69.2
KANEOHE MAUKA 781	MAX	73	79	82	82	79	79	79	78	78	78	75	75	77	76	78	79	80	80	79	80	80	81	79	80	80	79	77	78				78.6
	MIN	68	67	66	65	64	63	64	69	70	69	70	67	65	66	68	71	68	69	65	66	65	65	70	71	72	72	70	70				67.7
[illegible]	MAX	87	78	81	80	79	81	76	75	76	74	74	76	78	78	75	82	70	80	82	76	72	75	82	76	76	76	78	81				77.6
	MIN	61	64	62	62	60	59	59	70	67	64	68	64	64	63	62	62	63	64	58	60	60	58	62	64	70	66	60	61				62.8
MAKAPU POINT 724	MAX																																
	MIN																																
[illegible]	MAX	82	80	83	83	82	82	82	78	78	78	75	71	71	71	77	80	81	80	76	84	82	83	81	85	83	76	79	75				79.2
	MIN	64	66	70	66	59	60	61	63	70	71	65	63	62	63	64	66	67	67	61	59	60	63	64	67	71	67	65	63				64.5
[illegible]	MAX	73	76	79	82	83	79	84	79	76	77	79	76	75	76	83	80	81	80	81	82	79	82	82	82	83	82	82	78				79.7
	MIN	65	63	59	59	58	57	57	64	63	65	64	62	61	61	61	63	62	64	61	60	56	57	61	61	59	61	63	61				61.0
[illegible]	MAX	78	82	82	82	80	80	80	77	79	77	72	75	75	77	80	80	81	81	80	81	80	82	81	82	81	81	82	78				79.4
	MIN	68	68	67	65	67	65	67	68	68	69	68	67	66	67	71	69	66	63	69	65	63	64	68	71	69	69	69	64				67.1
[illegible]	MAX	75	76	78	79	80	79	80	79	76	77	76	77	77	78	80	79	79	80	82	82	79	81	79	83	79	82	80	80				79.0
	MIN	64	64	62	59	60	60	61	63	60	59	60	59	60	60	60	58	60	59	61	60	58	59	57	57	62	61	63	60				60.2
WAIKIKI 717	MAX	76	82	83	82	82	82	84	82	81	82	81	80	79	80	84	83	83	83	83	83	82	84	84	86	85	85	85	82				82.4
	MIN	68	68	63	62	60	60	62	68	69	70	68	68	65	64	64	70	65	66	61	61	61	63	66	70	70	69	69	65				66.5
WAIMANALO EXP FARM	MAX	75	79	80	82	80	78	78	80	79	79	77	75	78	78	79	79	80	80	80	83	80	81	80	79	81	80	80	80				79.3
	MIN	67	69	65	62	60	62	64	69	69	70	67	67	68	67	69	69	68	69	63	64	64	63	70	69	71	72	71	71				67.1
ISLAND OF MOLOKAI																																	
MOLOKAI AP 519	MAX																																
	MIN	65	63	63	63	62	61	66	69	66	68	66	64	64	64	61	65	64	64	63	60	60	62	62	68	68	65	65	64				64.1
ISLAND OF LANAI																																	
LANAI CITY 613	MAX	74	77	74	75	76	75	74	70	73	72	74	71	68	74	76	76	75	76	77	76	73	74	75	74	78	79	76	73				74.4
	MIN	61	60	61	60	59	59	60	61	62	58	58	61	61	60	59	61	59	58	57	58	58	59	61	61	59	60	60	60				59.7
ISLAND OF MAUI																																	
[illegible]	MAX	56	57	57	57	56	57	56	57	52	52	53	57	51	57	58	62	61	62	69	58	56	56	62	62	63	65	60	59				58.1
	MIN	40	39	38	39	39	37	40	44	42	41	38	45	35	36	38	37	34	38	40	36	36	40	41	43	45	40	39	38				39.2
HALEAKALA SUMMIT 338.4	MAX	41	43	50	50	47	48	47	47	42	42	42	45	46	50	55	55	61	59	53	52	51	50	49	53	53	46	47	50				49.3
	MIN	33	35	37	34	34	34	35	36	34	31	31	31	36	37	36	44	46	42	40	37	33	33	37	39	32	33	36	35				35.8
[illegible]	MAX	74	80	81	83	82	80		82	79	79	86	79	80	79	81	79		80	80	81	81	81	83	82	82	81	84	83				81.0
	MIN	61	62	63	66	62	63		67	68	70	67	64	65	66	70	67		69	68	65	67	67	69	69	68	69	67	64				66.3
[illegible]	MAX	78	80	82	79	78	78	80	80	79	81	78	78	75	77	82	81	82	81	81	79	78	80	80	80	82	82	81	80				79.7
	MIN	70	63	65	65	64	63	66	69	69	70	68	66	66	63	65	67	64	67	65	62	65	63	74	66	69	66	66	63				66.0
KAHULUI WSO 398 AP	MAX	81	81	82	80	79	82	82	80	80	79	79	79	81	85	84	84	85	86	84	83	86	86	87	86	85	86	84	83				82.8
	MIN	64	60	62	62	61	60	61	70	68	69	64	65	68	60	62	65	63	61	63	58	60	60	61	64	64	63	63	65				63.1
[illegible]	MAX	76			78	78	78	76	72			73	70	70	72	75			75	75	78	77	75			76	75	76	76				74.9
	MIN	64			61	61	62	64	67			63	61	61	62	63			64	62	62	61	65			65	66	66	63				63.2
KEAWAKAPU BEACH 260.2	MAX	81	83	83	84	82	85	85	86	87	87	85	84	80	84	84	86	87	84	86	83	87	84	84	84	88	86	84	86				84.6
	MIN	65	60	62	63	62	61	61	61	60	60	61	57	58	59	62	63	61	58	63	59	60	60	62	61	60	61	62	60				60.8
[illegible]	MAX	70	74	70	70	69	70	69	72	73	70	68	70	68	68	71	72	73	72	72	70	71	72	72	74	70	74	71	69				70.9
	MIN	57	55	56	58	57	54	55	57	56	55	54	51	54	55	57	52	52	51	52	55	57	52	53	57	54	55	57	55				54.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
LAHAINA 361	MAX	83	85	85	85	85	84	86	87	87	84	85	81	85	86	86	86	86	86	84	84	85	84	84	85	86	84	84	86				84.9
	MIN	65	64	64	66	64	64	64	66	64	63	66	61	62	63	64	64	64	64	65	64	64	65	65	65	65	65	66	64				64.3
WAILUKU 386	MAX	77			85	80	80	80	80			78	76	75	76	83			81	85	82	80	81			82	80	81	79				80.1
	MIN	65			64	64	64	63	70			66	65	65	66	67			65	64	61	62	66			65	66	69	69				65.1
ISLAND OF HAWAII																															
HAINA 214	MAX	81	79	80	78	81	79	80	79	79	78	77	72	76	76	80	79	78	78	78	81	79	79	78	80	79	78	79	81				78.8
	MIN	62	61	58	62	64	62	64	65	62	62	64	61	62	63	63	63	62	64	61	61	62	60	60	61	62	63	65	65				62.3
HAWAII VOLCNS NP HQ 54	MAX	67	72	69	71	70	68	69	68	62	59	60	68	60	66	68	65		67	64	65	71	67	69	75	66	66	68	66				66.7
	MIN	45	60	53	50	48	50	51	53	52	50	49	47	49	52	52	53		47	50	46	50	47	51	52	51	51	53	51				50.8
HILO WSO 87 AP	MAX	87	84	82	83	83	83	81	79	76	79	80	78	78	83	81	82	83	80	84	82	83	82	83	82	82	83	81	80				81.6
	MIN	60	63	63	63	63	63	63	63	65	63	63	62	64	62	66	65	64	64	63	61	66	55	65	64	65	64	66	65				63.5
KAINALIU 73.2	MAX	77	78	78	77	77	77	76	77	76	72	75	75	74	75	76	76	77	76	76	76	76	77	78	77	77	77	78	77				76.4
	MIN	58	60	60	59	58	60	60	60	61	60	59	59	58	59	59	60	61	60	60	57	58	57	62	63	59	60	62	61				59.6
KAMUELA 192.2	MAX	73	75	74	75	73	75	72	73	70	72	71	70	72	70	75	74	75	73	75	75	74	74	76	75	77	73	75	72				73.5
	MIN	53	49	52	50	50	50	53	57	55	57	55	57	54	48	52	54	57	56	50	45	48	48	51	56	56	57	54	57				52.8
KEAAU 92	MAX	82	82	84	80	81	80	80	80	76	75	75	76	76	76	79	78	78	79	78	80	80	79	79	79	78	79	79	78				78.8
	MIN	58	58	57	63	62	63	63	64	64	62	63	60	60	62	64	63	64	63	61	61	60	60	59	63	63	63	63	64				61.3
KEALAKEKUA 26.2	MAX				77							78							79							79							
	MIN				57							58							58							43							
KOHALA MISSION 175.1	MAX	80	78	73	79	79	79	80	78	76	71	75	73	76	74	77	78	78	77	77	79	79	78	79	80	78	77	79	78				77.3
	MIN	63	64	63	62	62	64	63	67	64	65	65	62	63	61	62	66	67	67	62	59	61	61	60	66	67	64	65	66				63.6
KONA (KAILUA) 68.3	MAX	80	82	82	84	83	83	81	82			81	81	86	82	82			83	81	85	83				84	83	81	82				82.5
	MIN	63	65	66	65	67	66	65	66			67	66	67	65	65			67	69	67	66				68	67	68	68				66.3
KULANI CAMP 79	MAX	68	69	64	64	65	60	63	63	56	54	56	57	55	60	63	61	60	62	59	62	64	60	60	62	61	61	62	60				61.1
	MIN	43	45	45	42	43	43	43	43	48	48	45	43	42	43	48	49	40	45	43	48	39	38	40	48	42	43	44	45				43.9
MAUNA LOA SLOPE OBS	MAX	44	42	43	42	38	42	45	42	40	42	48	46	48	50	55	59	58	52	48	46	45	46	46	48	48	50	48	46				46.7
	MIN	30	28	30	30	29	31	29	30	30	28	29	29	31	31	30	39	40	39	36	30	27	30	32	30	30	33	34	32				31.3
MOUNTAIN VIEW 91	MAX	79	81	81	81	77	77	75	72	69	69	69	72	71	70	75	74	74	74	71	75	77	75	76	76	76	75	73	74				74.6
	MIN	58	58	58	58	57	57	57	58	57	57	57	56	55	56	59	58	58	58	58	56	58	58	58	58	58	58	59	59				57.6
NAALEHU 14	MAX	79			80	78		77				76	76	77	77	77			78	78	77	78	77			78	78	78	77				
	MIN	61			62	62		65				65	60	63	65	66			65	66	64	64	64			64	66	66	67				
OOKALA 223	MAX	77	78	79	79	78	80	79	79	76	78	78	72	76	72	79	74	79	78	79	80	78	78	78	74	80	80	77	78				77.9
	MIN	63	63	64	66	64	65	64	66	64	64	66	61	62	65	66	68	66	68	65	63	62	66	64	64	70	67	66	66				65.1
OPIHIHALE 2 24 1	MAX	76	77	76	75	73	74	74	75	72	74	75	73	75	77	75	74	77	74	76	76	76	75	76	76	76	77	76	74				75.1
	MIN	55	54	55	56	57	57	57	59	57	58	56	56	57	57	55	57	57	59	56	56	56	56	59	58	59	57	59	57				56.9
PAHALA 21	MAX	78			81	80	79	79	78	81	80	77	80	76	77	79			81	78	77	79	77	78	77	79	79	79	77				78.5
	MIN	59			59	60	60	59	60	64	61	60	56	58	60	61			59	62	57	58	57	58	62	62	60	61	60				59.7
PUAKO 95.1	MAX	80	81	83	80	79	80	79	81	82	82	83	80	80	81	80	81	82	81	81	80	79	81	82	81	82	82	81	82				80.9
	MIN	62	64	64	62	61	63	64	68	70	70	70	67	66	61	64	64	63	66	64	61	64	63	66	66	63	65	66	69				64.9
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]																																	
[illegible]																																	
[illegible] MARSHALL ISLANDS																																	
[illegible]	MAX	87	84	85	90	90		89	90	90	90	90	87	89	90	90	89	92	90	91	91	91	91	92	91	91	90	92	91				90.2
	MIN	76	76	75	75	74		75	73	75	75	74	74	71	76	75	76	77	75	76	75	76	74	75	76	76	76	76	74				75.0
JOHNSTON WSO AP	MAX	82	82	80	81	82	81	81	81	81	78	77	80	79	80	82	82	82	81	80	81	82	82	81	82	82	81	79	80				80.8
	MIN	73	76	75	75	75	73	72	75	75	73	69	73	69	72	75	76	71	73	73	73	75	75	75	74	76	74	70	71				73.4
[illegible]	MAX	91	91	92	92	92	92	90	92	92	88	88	90	91	88	88	89	92	92	86	82	86	90	85	88	88	92	92	90				89.6
	MIN																																
[illegible]	MAX	76	82	78	78	79	80	74	77	76	78	78	77	77	79	77	78	78	79	79	79	77	78		75	76	85	85	79				78.3
	MIN	66	67	66	67	69	66	65	67	64	64	65	67	64	66	62	70	72					69		72	72	72	71	70				67.5
MIDWAY SAND ISLAND	MAX	74	77	77	75	72	71	75	78	80	79	80	80	80	81	72	73	73	73	76	76	73	75	76	74	70	71	74	76				75.4
	MIN	64	69	69	66	62	64	65	68	69	70	74	70	68	69	65	63	63	65	69	69	64	67	71	67	66	64	61	67				66.7
[illegible]	MAX	86	88	81	87	87	87	87	88	88	88	85	85	81	84	82	87	87	87	84	80	84	86	86	83	84	86	86	87				85.4
	MIN	73	72	73	72	70	70	74	74	72	73	73	71	70	76	73	73	72	73	71	70	73	72	72	72	73	72	74	75				72.4
[illegible]	MAX																																
	MIN																																
[illegible]																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
[illegible] ANDERSEN AFB GUAM	MAX	84	84	83	84	84	84	84	83	83	83	83	84	84	83	82	82	83	83	84	85	83	83	82	82	82	83	83	82				83.2
	MIN	77	76	75	77	77	74	76	75	77	75	75	75	74	77	75	75	76	77	77	74	76	76	74	76	76	77	76	76				75.8
CLARK AFB LUZON	MAX	84	84	84	84	88	88	90	84	81	84	82	82	82	84	88	88	88	91	88	91	88	88	91	90	91	88	82	84				86.3
	MIN	64	66	68	68	70	70	68	66	68	64	64	64	63	66	66	72	72	72	72	72	72	70	70	70	72	72	70	70				68.6
GUAM NAS	MAX	86	85	84	84	83	84	86	86	86	82	85	85	84	85	84	85	83	84	85	85	85	84	84	85	84	85	85	85				84.6
	MIN	77	77	75	76	77	75	78	77	77	76	76	76	76	77	76	75	76	78	77	76	77	78	77	78	77	76	77	75				76.5
[illegible] GUAM WSO	MAX	87	85	84	85	85	84	85	85	85	86	86	85	84	84	83	83	84	85	86	84	85	84	84	84	84	85	85	84				84.6
	MIN	73	74	73	75	74	71	74	73	69	68	67	71	72	74	72	72	74	75	75	73	74	74	73	74	74	74	71	72				72.7
[illegible] SAIPAN WSO AP	MAX	86	85	86	86	86	86	84	86	86	86	86	84	86	86	86	85	85	85	85	85	86	85	85	85	85	85	86	86				85.5
	MIN	73	76	74	76	73	73	77	77	74	74	75	71	70	75	77	68	67	67	76	75	74	72	75	75	77	71	71	72				73.6
[illegible] WAKE WSO AP	MAX	86	85	88	84	82	79	83	83	84	83	85	84	83	83	82	81	82	82	83	82	81	85	81	75	76	79	81	83				82.3
	MIN	75	72	72	71	68	68	72	73	73	73	72	70	71	70	71	72	72	73	72	69	69	71	68	68	67	68	67	70				70.6
[illegible]																																	
[illegible]																																	
MARSHALL ISLANDS																																	
[illegible]	MAX	87	87	87	87	86	87	85	85	85	86	87	85	86	87	82	86	87	86	86	86	87	86	87	88	87	84	86	85				86.1
	MIN	72	79	79	77	77	75	74	74	78	77	77	73	76	78	73	75	73	71	73	76	73	77	77	73	76	77	72	75				75.3
FALALOP I. ULITHI	MAX	85	84	84	87	84	86	86	85	86	85	86	86	85	86	84	84	84	85	87	86	84	87	87	84	84	87	86	87				85.4
	MIN	76	75	73	81	78	80	81	76	77	73	78	79	76	80	75	79	78	78	82	78	76	76	76	78	75	79	80	79				77.6
[illegible] MAJURO AMARANTH ATOLL	MAX	89	88	89	88	88	87	87	88	88	89	87	86	86	85	87	87	88	87	89	88	87	88	89	88	88	88	88	88				87.7
	MIN	80	77	78	78	77	78	80	77	78	81	74	74	78	74	74	74	74	76	75	75	75	76	75	72	75	74	75	75				76.0
KWAJ WSO	MAX	91	89	85	87	89	88	89	84	85	88	87	89	90	88	87	87	89	85	88	88	87	88	88	89	89	88	89	88				87.8
	MIN	78	76	75	76	78	78	75	73	73	76	76	75	75	77	76	76	76	76	77	74	76	75	75	75	75	74	75	77				75.6
KWAJALEIN WSO AP	MAX	86	86	87	82	83	85	86	86	86	86	87	87	86	87	87	86	86	86	86	87	87	87	87	87	86	86	82	86				85.9
	MIN	79	79	78	74	74	78	80	80	75	76	80	79	77	77	79	75	78	75	77	75	80	80	80	79	79	76	74	78				77.5
LELE I. KUSAIE	MAX	90	87	90	90	88	88	90	89	89	85	86	89	89	89	90	91	91	90	88	90	87	86	86	90	88	90	90	84				88.6
	MIN	75	75	77	75	72	75	75	75	76	72	73	76	76	77	79	78	78	75	77	78	75	74	77	77	72	78	77	70				75.5
MAJURO WSO AP	MAX	84	85	84	85	83	84	85	85	84	85	86	83	85	84	85	84	85	86	86	86	84	86	85	85	85	79	86	85				84.6
	MIN	75	78	75	77	75	74	76	78	73	78	78	76	77	79	78	76	79	79	79	77	77	77	77	80	75	75	75	79				76.9
METALANIM	MAX	87	88	87	87	87	82	88	87	88	88	85	85	88	87	88	87	89	88	83	88	88	87	86	87	86	88	84	89				86.9
	MIN	81	82	74	76	72	75	77	75	80	74	72	77	82	83	82	82	81	75	75	76	81	74	73	74	73	71	76	71				76.6
[illegible] GANGE WSO	MAX	88	87	87	89	82	88	86	86	89	85	86	89	89	90	88	90	89	86	89	90	88	87	87	87	88	88	90	88				87.7
	MIN	76	74	75	77	72	77	77	77	78	73	72	78	79	78	78	78	76	74	74	74	76	74	74	75	73	72	73	71				75.2
[illegible] TRUK, MOEN I. WSO AP	MAX	86	82	86	87	86	84	87	83	86	85	87	82	86	87	87	87	87	86	85	87	87	83	87	84	87	85	87	88				85.8
	MIN	76	72	77	78	77	75	79	74	80	79	78	73	75	75	76	78	77	76	75	78	77	76	74	75	80	76	79	76				76.5
WOLEAI ATOLL	MAX	88	90	90	90	88	89	89	90	89	83	88	89	89	89	88	88	89	89	89	89	89	89	88	89	87	89	88	88				88.6
	MIN	76	79	75	78	80	77	75	77	76	70	79	77	75	72	77	75	79	77	76	76	78	75	76	73	76	77	75	79				76.3
[illegible] WSO AP	MAX	87	86	87	87	87	86	88	86	86	88	87	87	86	87	87	86	87	87	85	88	86	87	86	84	87	87	87	87				86.6
	MIN	75	76	74	76	77	77	75	76	74	74	74	74	74	75	74	74	74	76	75	79	76	76	76	75	77	76	74	77				75.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																												TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
E A S T ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.10	.12	.15	.18	.16	.17	.16	.24	.23	.24	.20	.32	.25	.29	.27	.27	.19	.32	.21	.10	.10	.29	.28	.26	.29	.30	.25	.09				6.05
	WIND	102	53	74	72	55	67	85	206	231	243	294	233	-	118	144	171	112	156	124	61	63	118	141	163	209	190	144	129				3897B
	MAX	80	83	85	83	84	82	83	79	79	80	77	74	79	81	84	85	85	85	86	83	76	85	84	86	84	85	85	87				82.5
	MIN	63	64	65	59	59	59	58	65	64	64	62	60	60	64	64	65	64	62	60	59	59	59	63	63	55	65	65	62				61.9
S O U T H ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.18	.32	.13	.17	.15	.15	.11	.15	.23	.19	.20	.19	.19	.15	.11	.15	.18	.25	.26	.20	.18	.17	.21	.20	.23	.23	.21	.15				5.24
	WIND	49	37	28	22	28	21	22	39	49	60	55	48	33	26	21	32	35	34	34	36	28	21	26	34	38	31	35	19				931
	MAX	75	89	86	80	85	81	86	84	82	81	82	82	79	80	82	87	86	87	86	84	87	87	87	85	85	87	88	78				83.9
	MIN	64	65	64	63	61	60	60	63	62	62	62	59	59	60	61	62	64	64	63	66	66	61	63	63	64	63	64	61				62.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																											TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]																																	
EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.38	.28	.35	.34	.14	.35	.37	.40	.38	.28	.20	.37	.37	.28	.26	.33	.33	.32	.31	.34	.36	.35	.27	.32	.37	.24	.19	.24				8.92
	WIND	167	167	148	186	190	146	312	281	262	267	251	244	275	244	217	240	206	241	176	240	204	162	95	182	239	200	204	246				6079
	MAX	92	90	89	89	90	85	84	87	89	84	82	85	85	87	88	88	91	87	90	88	91	92	93	92	88	89	85	87				88.1
	MIN	71	72	74	70	70	70	73	72	72	72	70	70	71	70	74	74	72	71	72	72	71	70	69	72	73	73	73	72				71.3
[illegible]																																	
GUAM WSO	EVAP	.23	.25	.23	.21	.37	.26	.24	.21	.15	.14	.15	.23	.32	.18	.27	.36	.30	.22	.15	.19	.24	.24	.28	.28	.14	.14	.28	.32				6.62
	WIND	103	113	148	182	217	192	120	90	36	18	56	104	190	182	188	222	198	181	127	140	143	129	184	127	105	153	95	99				3838
	MAX	86	88	87	87	86	87	89	91	87	89	90	87	87	88	87	86	87	86	89	86	88	87	88	88	86	88	88	90				87.7
	MIN	71	73	72	72	71	71	73	73	72	71	72	70	73	72	72	72	72	73	73	72	72	73	69	73	73	70	69	70				71.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	680		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	9A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLPA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	SP	SP			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
[illegible]		1818	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
[illegible]		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 810	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 741.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A		3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
[illegible]	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
[illegible]	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
[illegible]		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 736.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA FIRE STA 2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS. JOHN H. BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 836.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
[illegible]	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
[illegible]		7655	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
[illegible]	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PUNAHOA 2080 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PUU WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
[illegible]		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
[illegible]	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
[illegible]		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
[illegible]	W	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
[illegible]	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
[illegible]	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
[illegible]	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
[illegible]	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
[illegible]	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
[illegible]		9566	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
[illegible]		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
[illegible]	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
[illegible]	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
[illegible]	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
[illegible]	A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
[illegible]		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
[illegible]	A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		7A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	2370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2020		VAR			KUIPALAKEA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 53	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 48E.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7H	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2080		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
[illegible]	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
[illegible] 460.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN C&M & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
[illegible] 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		M0			HALEAKALA RANCH CO
UKUMEHAME 301	A	8760	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOHUI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH
AUINI IKI 1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
[illegible] 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		M0			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK
HALEPUKA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C 1	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.1		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNA 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOM. MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONOMALH 71	A	2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY
HOOLAKI 72	A	2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2166	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHUAWAI 5.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 S	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPUNA LANDING 31.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3926	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KIPUKAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAHILI 178	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIPUE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE MIL 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	04	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	04	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LALAMILOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOMUA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUNA SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 83 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6360		MO			KUKAIAU RANCH CO
PUU OO 82	8550	02	S HILO	2	19 44	155 23	6340		6A		C	MISS JACKIE BENJEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCS 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF BLDA DET 30
FAGA H.C RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
‹ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
‹CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN? USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4951	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1931-1960.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

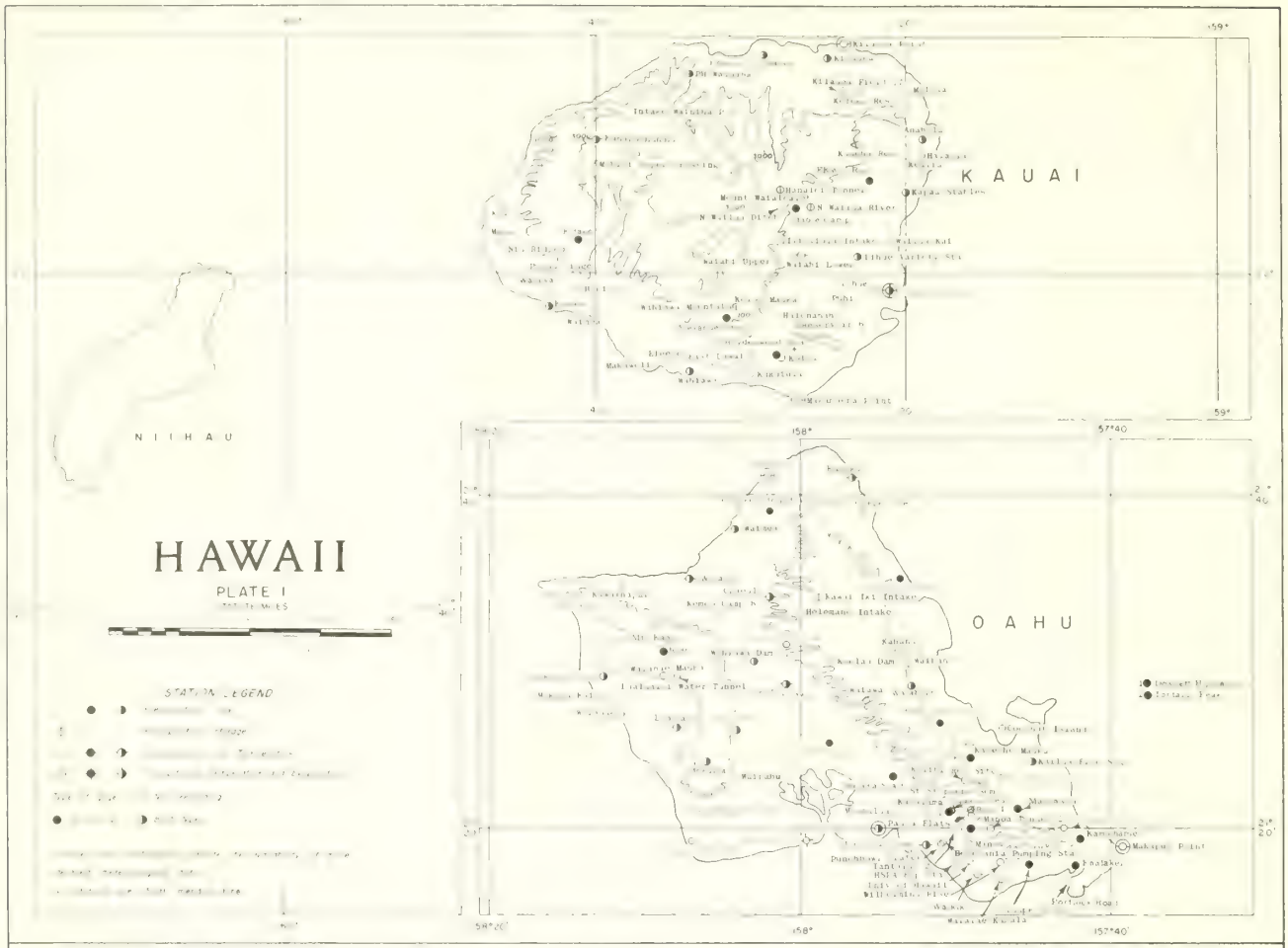
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

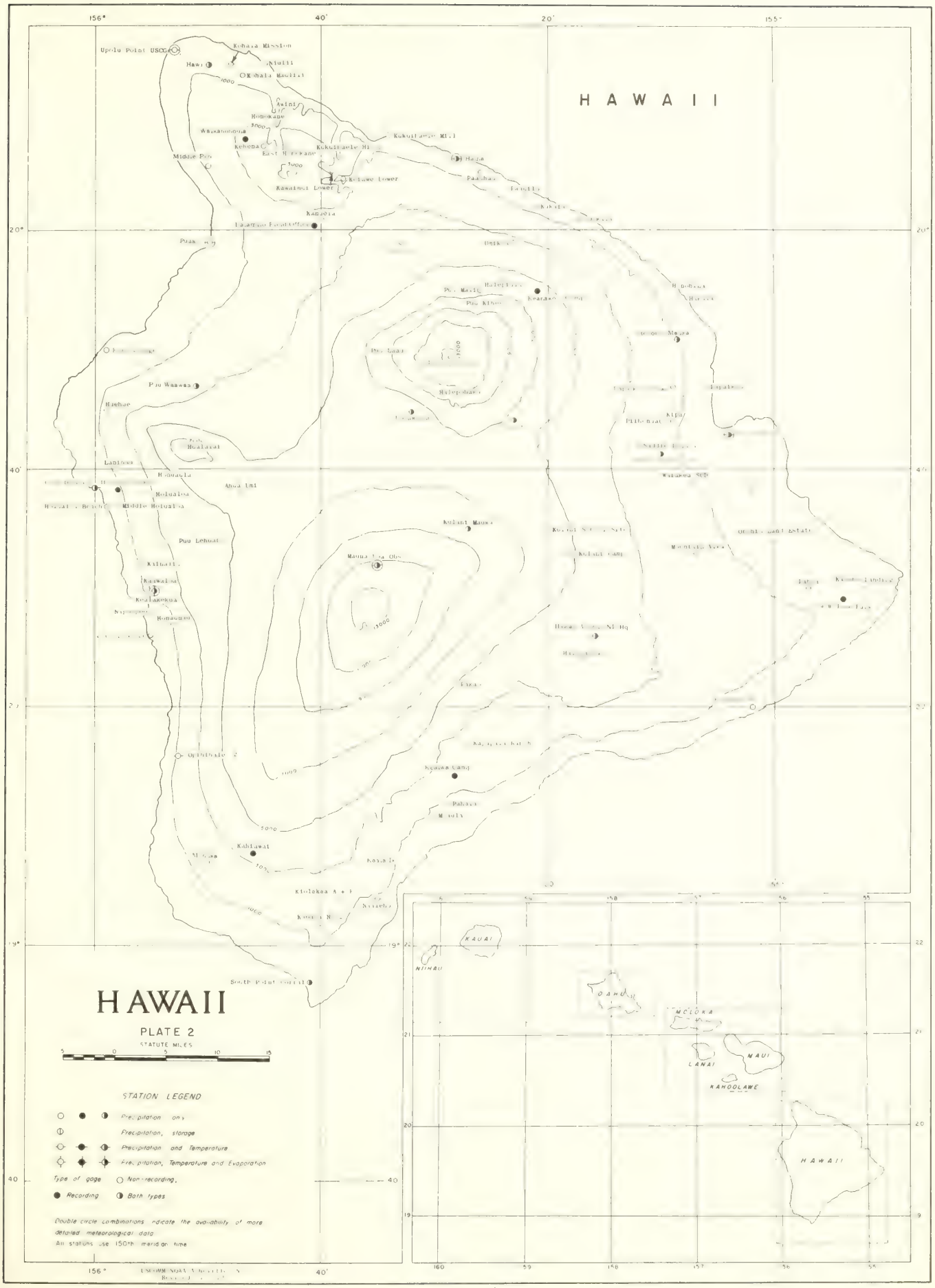
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 6/10/74-1100


KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATION LEGEND
Kilauea Point
Kilauea Flat
Kilauea Ditch
Kilauea Intake
Kealia Reservoir
Kapaa Stables
Mount Waialeale
N Wailua River
Wailua Falls
Lihue Airport
Lihue
Hanamaulu
Nawiliwili
Kekaha
Waimea
Kokee
Waimea Canyon
Kaumakani
Makaweli
Hanapepe
Port Allen
Eleele
Koloa
Poipu
Lawai
Kalaheo
Kilauea Point
Princeville
Hanalei
Wainiha
Haena
Kalihiwai
Anahola
Kapaa
Waialua
Haleiwa
Kahuku
Kaena Point
Mokuleia
Waianae
Makaha
Nanakuli
Waianae Kauala
Ewa Beach
Barbers Point
Honolulu
Diamond Head
Waikiki
Kaneohe
Kahuku Point
Laie
Punchbowl
Tantalus
Wahiawa
Schofield Barracks
Wheeler Field
Kaala
Waialua
Kaena Point
Mokuleia
Waianae
Makaha
Nanakuli
Waianae Kauala
Ewa Beach
Barbers Point
Honolulu
Diamond Head
Waikiki
Kaneohe
Kahuku Point
Laie
Punchbowl
Tantalus
Wahiawa
Schofield Barracks
Wheeler Field
Kaala
Waialua
Haleiwa
Kahuku



HAWAII

PLATE 2

STATUTE MILES

5 0 5 10 15

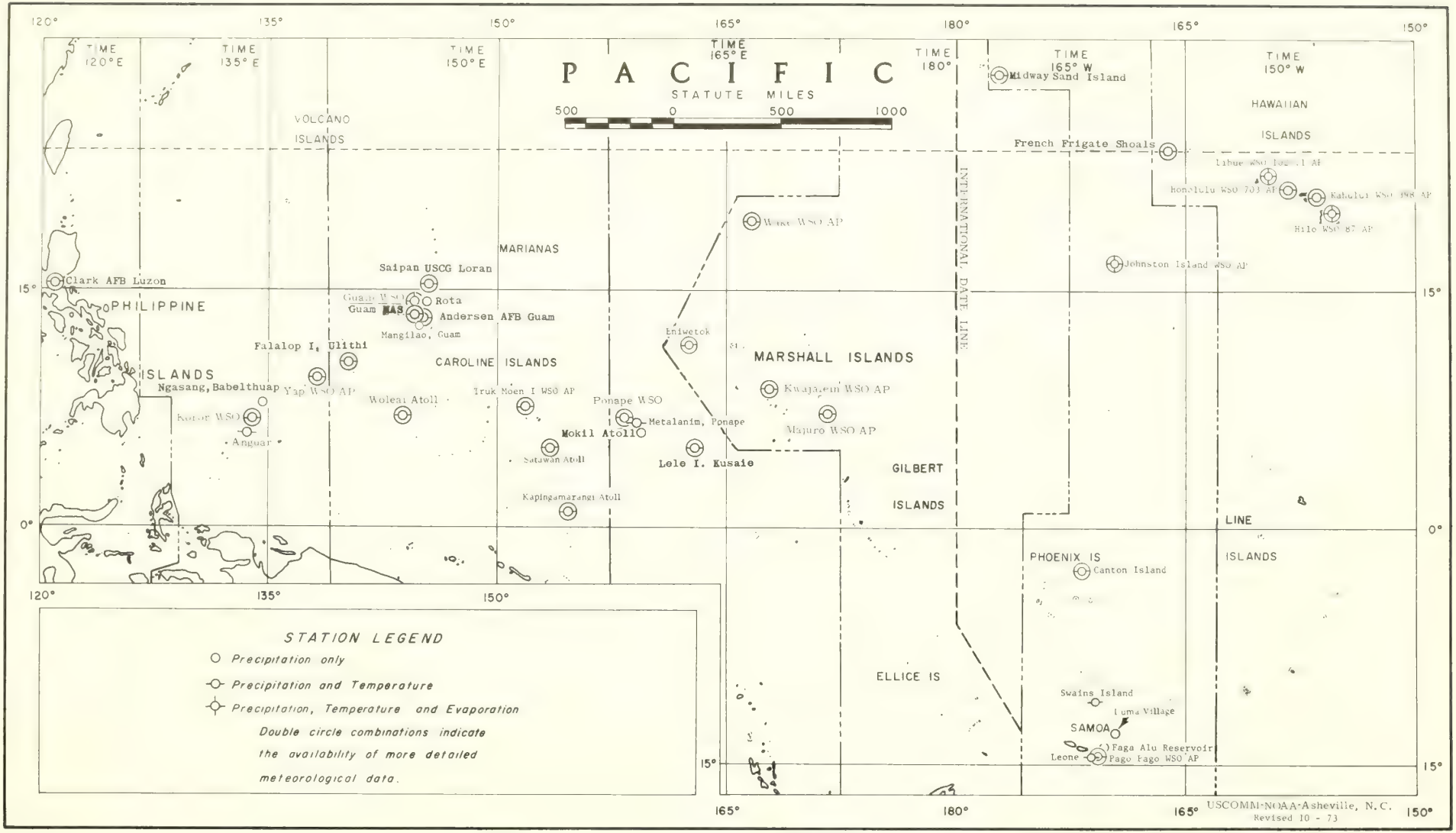
STATION LEGEND

- Precipitation only
- Precipitation, storage
- Precipitation and Temperature
- Precipitation, Temperature and Evaporation

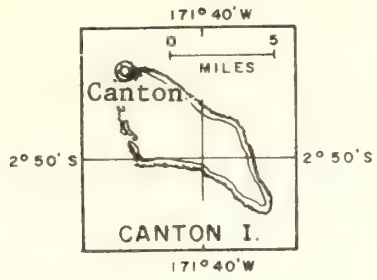
Type of gage: ○ Non-recording, ● Recording, ◑ Both types

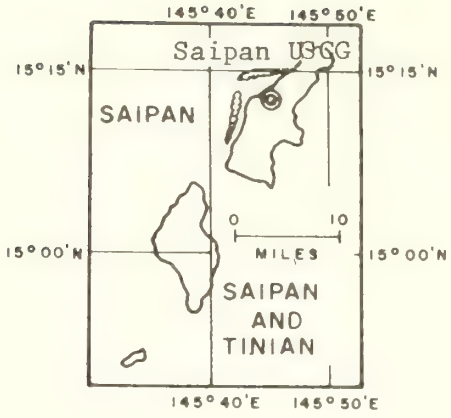
Double circle combinations indicate the availability of more detailed meteorological data

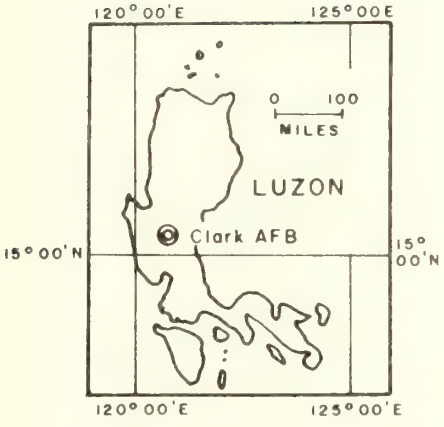
All stations use 150th meridian time

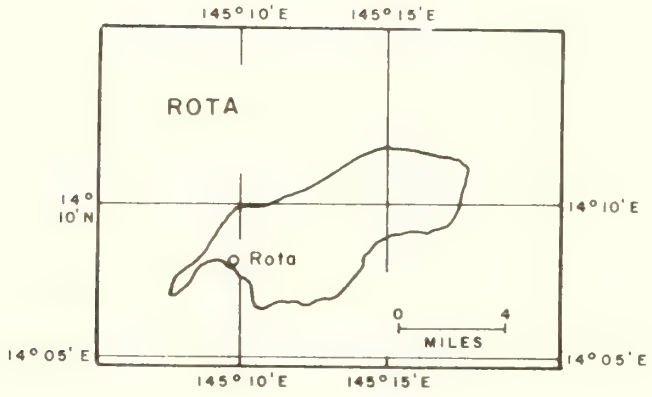


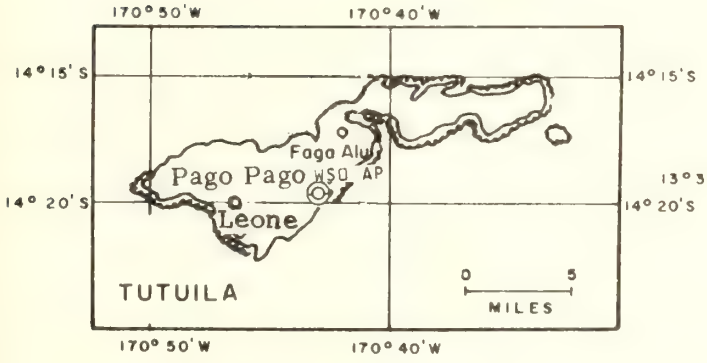
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

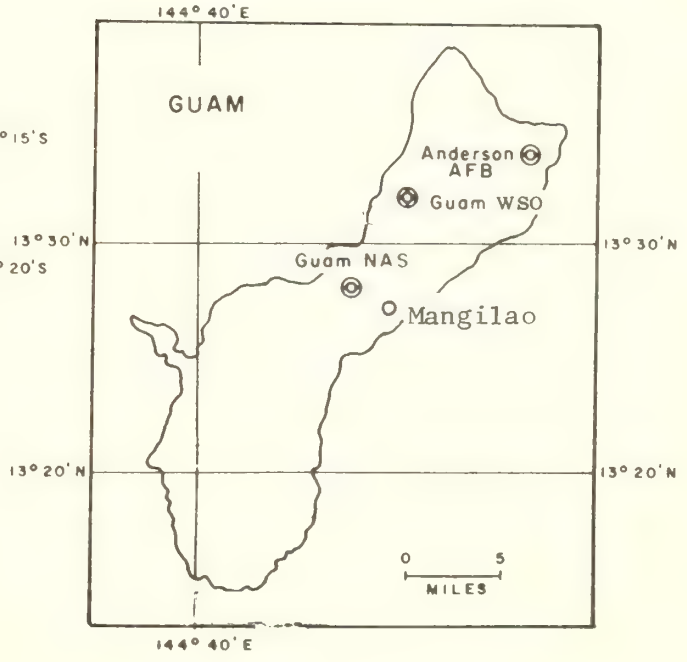

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

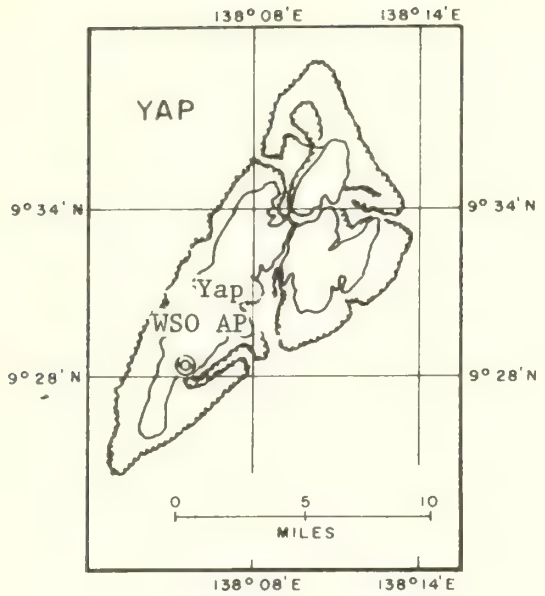

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

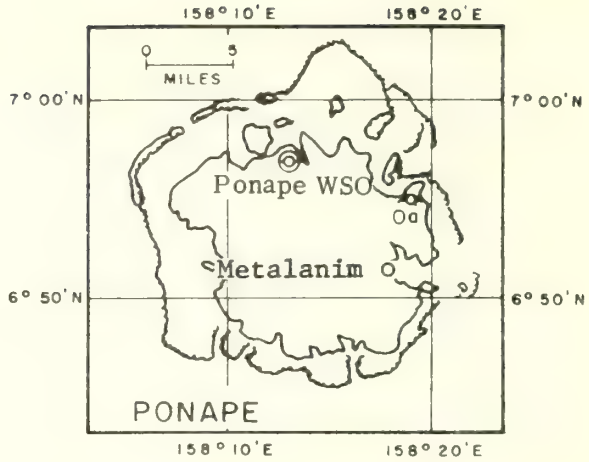

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

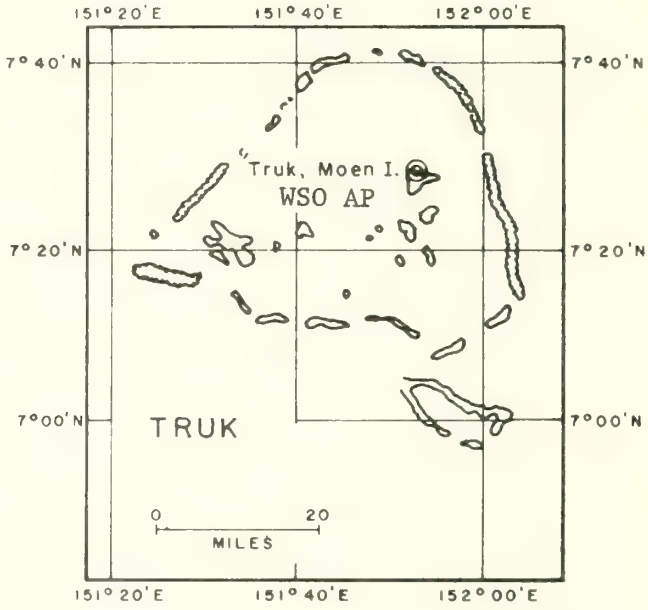

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

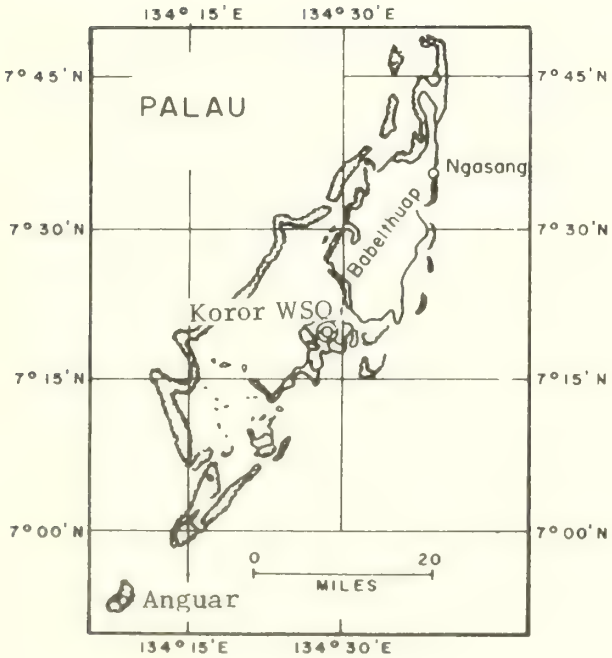

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

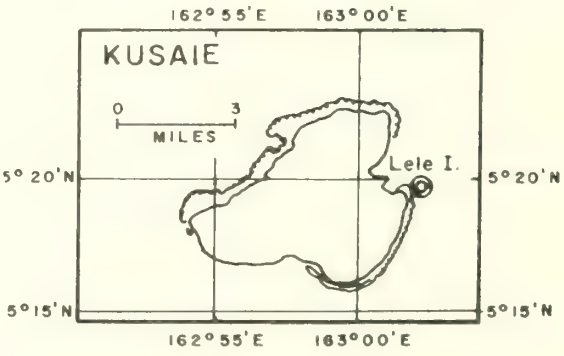
} Reef


138° 08'E
138° 14'E
YAP
9° 34'N
9° 28'N
Yap
WSO AP
0
5
10
MILES

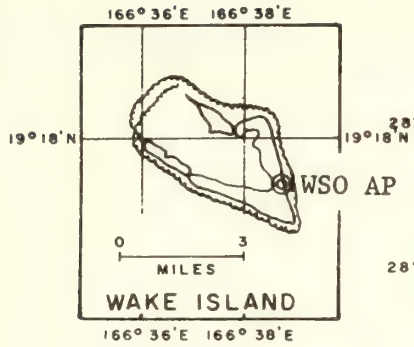

158° 10'E
158° 20'E
0
5
MILES
7° 00'N
6° 50'N
Ponape WSO
Oa
Metalanim
PONAPE

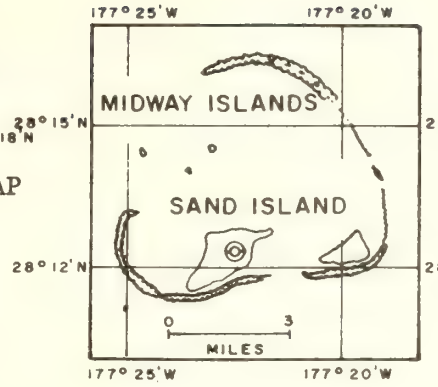

151° 20'E
151° 40'E
152° 00'E
7° 40'N
7° 20'N
7° 00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

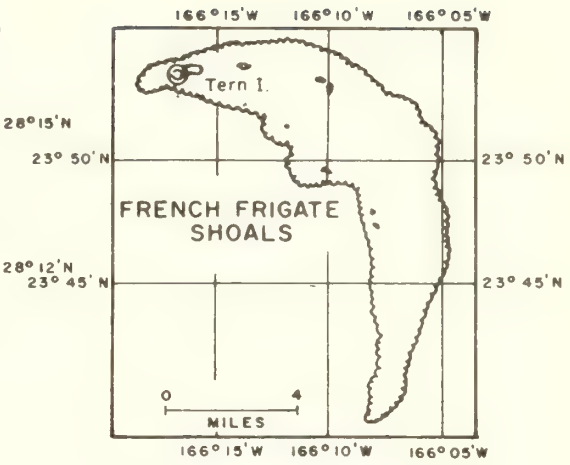

134° 15'E
134° 30'E
7° 45'N
7° 30'N
7° 15'N
7° 00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

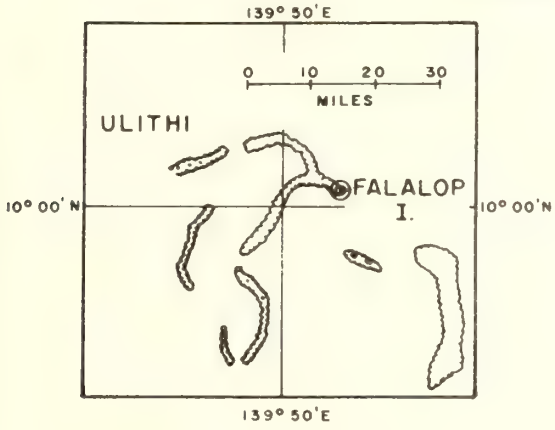

162° 55'E
163° 00'E
KUSAIE
0
3
MILES
5° 20'N
5° 15'N
Lele I.

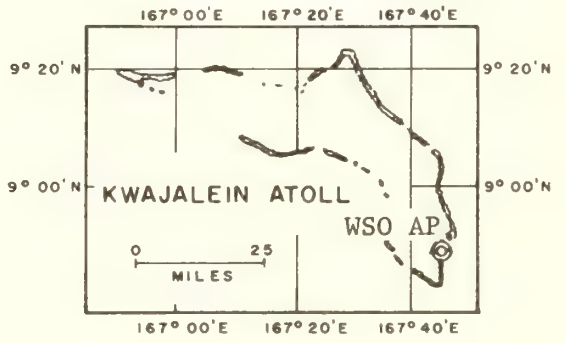
— Reef

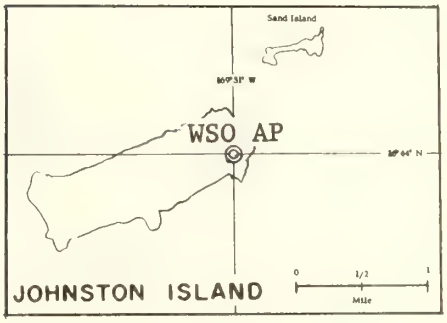

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

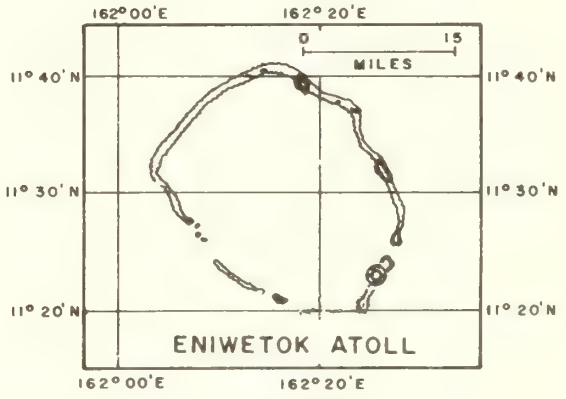

177° 25'W
177° 20'W
28° 15'N
28° 12'N
MIDWAY ISLANDS
SAND ISLAND
0
3
MILES

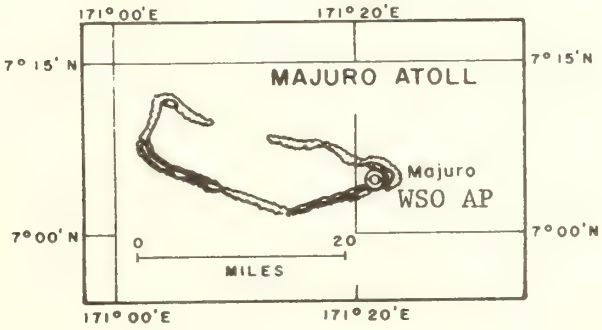

166° 15'W
166° 10'W
166° 05'W
23° 50'N
23° 45'N
Tern I.
FRENCH FRIGATE SHOALS
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
7° 00'N
MAJURO ATOLL
Majuro
WSO AP
0
20
MILES

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IARCH 1974 Volume 70 Number 3

Climatological Data

IAWAII AND PACIFIC

emperature and Precipitation Extremes

AWAIIAN STATIONS ONLY

IGEST TEMPERATURE KEAWAKAPU BEACH, MAUI	90	DATE 6
OWEST TEMPERATURE MOUNT LOA SLOPE OBS., HAWAII	26	DATE 3
REATEST TOTAL PRECIPITATION MOUNT WAIALEALE, HAWAII	36.69	
EAST TOTAL PRECIPITATION PAUKO, HAWAII	.74	
REATEST 1 DAY PRECIPITATION HONOKOHUA, MAUI	6.68	DATE 13

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SUPPLEMENTAL DATA

HAWAII AND PACIFIC
MARCH 1974

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME GREENWICH CIVIL 12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
[illegible] AM WSO AP	-	-	-	30	E	13	-	79	78	87	3	8	9	4	2	2	28	51	-
[illegible]I.B., HAWAII, WSO AP	15	1.4	6.6	24	E	12	87	82	68	83	2	4	12	3	1	2	24	40	7.3
HONOLULU, OAHU, WSO AP	7	3.0	9.7	26	NE	06	82	79	60	72	6	4	2	0	2	0	14	62	5.8
JOHNSTON ISLAND WSO AP	10	11.1	15.1	33	SE	07	80	79	71	77	4	10	8	1	1	0	24	-	5.0
KAHULUI, MAUI, WSO AP	7	4.5	11.1	34	E	07	81	74	58	72	5	4	2	1	0	1	13	63	5.6
K[illegible]R WSO AP	-	-	-	23	N	19+	87	-	80	75	3	7	7	4	1	2	24	50	8.7
KWA[illegible]LEIN WSO AP	7	10.7	12.1	24++	S	28+	80	82	75	76	5	5	8	1	2	0	21	-	8.2
LIH[illegible], KA[illegible]I, WSO AP	8	3.1	11.5	34	SW	22	78	75	65	73	1	13	3	1	3	0	21	58	7.0
MAJURO WSO AP	-	-	-	26	E	28	82	82	75	77	4	6	9	4	1	0	24	68	8.1
PAGO PAGO WSO AP	1	2.9	6.7	41	NW	26	87	90	74	80	4	8	7	5	3	0	27	40	8.4
PONAPE WSO AP	-	-	-	21	SE	19	91	-	73	81	1	3	11	6	4	2	27	58	8.7
[illegible]K,MAEN I, WSO AP	-	-	-	24	W	13	86	-	80	80	2	4	6	2	7	2	23	60	9.4
WAKE WSO AP	6	9.7	16.4	30	NE	08+	71	73	58	63	4	4	3	0	0	0	11	65	5.5
[illegible]HE WSO AP	-	-	-	25	W	16	85	-	75	76	1	4	8	4	2	1	20	57	8.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1974

STATION		TEMPERATURE									NO. OF DAYS				PRECIPITATION							NO. OF DAYS		
											MAX.		MIN.						SNOW, SLEET					
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
* * *																								
ISLAND OF KAUAI																								
ANAHOLA 1114	A														7.08				.0	0				
KANALOHULUHULU 1075		66.4	49.7	58.1		74	30	40	24		0	0	0	0	8.85		2.81	12	.0	0		11	5	2
KAPAA STABLES 1104	A														5.59				.0	0				
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 936	A														6.32		2.80	12	.0	0				2
LIHUE WSO 1020.1 AP	//R	79.0	68.0	73.5	1.8	83	28+	60	25		0	0	0	0	6.29	1.62	1.80	12	.0	0		7	4	3
MANA 1026		82.5	63.7	73.1	1.8	85	31+	58	8		0	0	0	0	4.25	1.59	1.90	12	.0	0		6	2	1
N WAILUA DITCH 1051	A														19.78				.0	0				
PH WAINIHA 1115															12.17	- 3.16	3.38	6	.0	0				
PUEHU RIDGE 1040															5.61	2.36	3.00	12	.0	0		6	4	1
WAHIAWA 930	A														6.52	2.98			.0	0				
WAIAHI LOWER 1054		78.1	61.6	69.9		83	28	52	25		0	0	0	0	11.80	.94	3.15	12	.0	0			8	4
WAIMEA 947															5.44	3.22	3.54	12	.0	0		5	3	1
ISLAND				68.7											8.31				.0					
* * *																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		81.3	65.9	73.6		87	22	59	25		0	0	0	0	4.37		1.08	5	.0	0		5	4	2
HONOLULU OBSERV 702.2															2.20		1.20	13	.0	0		4	1	1
HONOLULU WSO 703 AP	R	81.7	66.3	74.0	1.0	87	31	58	24		0	0	0	0	3.49	.31	1.52	12	.0	0		4	2	2
KANEOHE MAUKA 781		78.4	66.8	72.6	1.4	83	21	61	16		0	0	0	0	4.99	- 3.03	1.27	13	.0	0		9	4	2
KOOLAU DAM 833	A														16.36		3.50	5	.0	0		12	8	5
LUALUALEI 804	A	79.6	63.7	71.7		84	20	54	25		0	0	0	0	3.75				.0	0				
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															12.20		2.90	18	.0	0		12	8	4
OPAEULA 870	A	79.2	63.6	71.4	4.6	85	29	57	17		0	0	0	0	8.62				.0	0				
PALOLO VALLEY 718	R														13.18	- 1.71	4.18	12	.0	0		10	7	6
PRI WAHIAWA 820.2	A	79.1M	60.6M	69.9M		85	27	55	25+		0	0	0	0	8.75		2.64	19	.0	0				4
WAHIAWA DAM 863	A														8.59				.0	0				
WAIAHOLE 837	A														15.68				.0	0				
WAILEE 896.3		80.3M	66.5M	73.4M		84	28+	59	25		0	0	0	0	3.66		1.43	6	.0	0		8	3	1
WAILUA 847	A	79.2	60.7	70.0	.1	88	29	55	17+		0	0	0	0	5.95	2.11	2.83	19	.0	0		6	4	2
WAIKIKI 717.2		82.5	64.5	73.5		86	30	58	25+		0	0	0	0	6.12		3.30	13	.0	0		4	2	2
WAIMANALO EXP FARM		79.0	66.3	72.7		84	29	60	24+		0	0	0	0	7.79		3.59	13	.0	0		9	3	3
WAIPAHU 750	A														3.73		.99	19	.0	0				0
ISLAND				72.3											7.61				.0					
* * *																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	B																2.78	13						1
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														4.16		2.20	13	.0	0				1
MOLOKAI AP 524																			.0	0				
ISLAND				.0											4.16				.0					
* * *																								
ISLAND OF LANAI																								
LANAI CITY 672	A	M	M	M		80	29+	56	11		0	0	0	0	5.00	.48	2.00	13	.0	0				
ISLAND				.0											5.00				.0					
* * *																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	B														6.53		1.11	6	.0	0		10	5	3
HALEAKALA RS 338		60.1	41.7	50.9	.7	69	23	33	9		0	0	0	0	3.61	- 2.10	1.07	13	.0	0		10	1	1
HANA AIRPORT 355		80.6M	65.2M	72.9M		86	23	59	11		0	0	0	0	7.56		2.10	14	.0	0		10	6	2
HONOKOHUA 493	A														11.40		6.68	13	.0	0				2
KAANAPALI AIRPORT		79.3	66.1	72.7		82	31	60	16		0	0	0	0	5.66		4.48	13	.0	0		5	1	1
KAHULUI WSO 398 AP	R	82.0	63.7	72.9	.7	87	31	56	10+		0	0	0	0	3.33	.46	2.40	12	.0	0		4	2	1
KAILUA 446		M	M	M		80	25+	60	21+		0	0	0	0	*		3.50	19	.0	0				
KEANAE 346	A														32.20				.0	0				
KIPAHULU 258															7.67	- 1.68	1.49	14	.0	0		12	7	3
KULA SANATORIUM 267		70.5	55.3	62.9	1.7	73	31+	50	10		0	0	0	0	4.44	.91	1.37	24	.0	0		6	3	3
LAHAINA 361		83.4	65.2	74.3	2.4	87	25	61	16		0	0	0	0	2.63	.59	1.52	13	.0	0		3	2	1
PAIA 406															3.16	- 1.02	1.29	13	.0	0		5	2	1
WAILUKU 386	B	M	M	M		87	11	60	11		0	0	0	0	5.11	.95	3.32	13	.0	0			2	2
ISLAND				67.8											8.09				.0					
* * *																								
ISLAND OF HAWAII																								
HAINA 214		78.9	63.9	71.4	2.0	85	24	59	16		0	0	0	0	9.78	.95	2.98	20	.0	0		11	7	2
HAWAII VOLCNS NP HQ 54		67.0M	52.2M	59.6M	1.8	77	3	47	10+		0	0	0	0	17.56	5.81	3.00	B	.0	0				6
HILO WSO 87 AP	R	81.6	64.6	73.1	2.0	88	12	60	11+		0	0	0	0	13.47	- .22	4.00	26	.0	0		18	6	3
HUEHUE 92.1	A														1.63	- 2.08			.0	0				0
KAINALIU 73.2		76.8	60.9	68.9		80	24+	57	17+		0	0	0	0	3.40	- 1.76	.62	8	.0	0		9	3	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1974

STATION		TEMPERATURE												PRECIPITATION								
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
[illegible]		79.2	62.4	70.8	.5	86	24+	58	12		0	0	0	0	19.81	4.23	5.80	5	.0	0		15	9	8
[illegible] 26.2															2.97				.0	0				
[illegible] 68.3	A	M		M		86	21	64	11		0	0	0	0	2.41		1.58	13	.0	0		3	1	1
[illegible] 193															7.64	- 2.22	3.31	20	.0	0		9	6	1
[illegible]		62.9M	45.6M	54.3M		70	22	37	11		0	0	0	0	14.02		3.30	7	.0	0		16	7	4
PUHALA 21	A	78.9M	61.1M	70.0M	1.0	87	24	56	11		0	0	0	0	8.36		1.70	15	.0	0		10	7	3
POHAKULOA 107															2.31				.0	0				0
PUKO 95.1	A	81.7	65.9	73.8		84	31+	62	2		0	0	0	0	.74		.60	13	.0	0		1	1	0
[illegible] WAIAWA 94.1	A														3.41	.20			.0	0				
[illegible] MIKOA 118															6.02	- 5.92	1.04	7	.0	0				1
WAIAKEA [illegible] 88.2															21.26		5.27	5	.0	0		16	12	8
ISLAND				67.7											8.42				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
MARCH 1974

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
* * *																							
EAST OF 180TH MERIDIAN																							
CANTON ISLAND		89.7	76.0	82.9		92	20+	73	29		22	0	0	0	.66		.50	15	.0	0		1	1	0
FAGA ALU RESERVOIR															15.56		4.15	25	.0	0		11	9	5
JOHNSTON WSO AP	R	81.2	73.0	77.1		83	28+	68	13		0	0	0	0	3.79		1.19	15	.0	0		10	2	1
LEONE		90.0	80.9	85.5		93	9	75	26		22	0	0	0	9.62		2.00	27	.0	0		15	5	4
FRENCH FRIGATE SHOALS		79.6M	70.3	75.0M	3.9	87	30	63	6		0	0	0	0	2.63	- 1.15	.82	22	.0	0		7	2	0
LUMA VILLAGE															17.70				.0	0				
MIDWAY SAND ISLAND		69.8	61.2	65.5	- .9	77	2	52	22		0	0	0	0	10.07	7.07	3.85	5	.0	0		11	4	4
PAGO PAGO WSO AP	R	85.6	74.2	79.9	- .5	89	14+	70	3		0	0	0	0	9.67	- 2.40	1.72	10	.0	0		15	8	3
SWAINS ISLAND																			.0	0				
* * *																							
WESTERN PACIFIC ISL. NORTH OF 12 N																							
ANDERSEN AFB GUAM		81.6	74.4	78.0	- .5	87	31	72	16+		0	0	0	0	11.78	9.08	2.07	13	.0	0		18	8	3
CLARK AFB LUZON		87.6	70.1	78.9	- 2.2	91	31+	66	20+		12	0	0	0	1.47	.62	.84	18	.0	0		2	2	0
GUAM NAS		83.5	75.1	79.3	- .7	87	31	71	20		0	0	0	0	9.27	6.99	1.79	13	.0	0		16	5	4
GUAM WSO	R	82.7	72.4	77.6	- .1	86	28+	69	28		0	0	0	0	12.25	9.31	2.55	16	.0	0		17	8	4
MANGILAO															9.44		2.38	13	.0	0		15	7	3
ROTA															12.61		1.96	14	.0	0		19	8	3
SAIPAN? USCG LORAN		85.8	72.5	79.2		95	12	66	2+		2	0	0	0	6.24		1.52	19	.0	0		12	5	1
WAKE WSO AP	R	81.3	70.4	75.9	- 1.8	85	31+	68	24+		0	0	0	0	.59	- 1.01	.22	4	.0	0		3	0	0
* * *																							
CAROLINE AND MARSHALL ISLANDS																							
ANGUAR															9.89	3.09	2.45	4	.0	0		11	6	4
ENIWETOK		88.1	74.0	81.1	- .3	93	25	66	27		4	0	0	0	2.91	1.35	.88	27	.0	0		4	3	0
FALALOP I. ULITHI		85.5	77.1	81.3		87	27+	68	26		0	0	0	0	7.34		1.15	20	.0	0		15	6	2
KAPINGAMARANGI ATOLL		86.0	74.7	80.4		89	29	73	31		0	0	0	0	15.31		3.15	17	.0	0		18	10	5
KOROR WSO	R	87.5	74.6	81.1	.0	90	30+	71	10+		3	0	0	0	13.75	5.96	3.46	9	.0	0		14	7	3
KWAJALEIN WSO AP	R	86.3	77.9	82.1	.4	89	20	74	27		0	0	0	0	5.82	- .39	1.85	27	.0	0		11	3	2
LELE I. KUSAIE		87.4	74.2	80.8	- .4	91	23	65	19		3	0	0	0	17.61	- 2.33	2.33	31	.0	0		18	11	9
MAJURO WSO AP	R	84.9	76.6	80.8	- .4	87	20	73	7		0	0	0	0	7.18	- 2.07	1.54	7	.0	0		14	5	1
METALANIM		87.6	73.9	80.8		90	26	65	30		1	0	0	0	11.66		2.11	17	.0	0		19	6	3
MOKIL ATOLL																			.0	0				
NGASANG,BABELTHUAP																			.0	0				
PONAPE WSO	R	88.4	73.4	80.9	.1	92	21	70	24		12	0	0	0	18.81	3.77	3.89	11	.0	0		23	12	6
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	87.1	76.0	81.6	.3	89	29+	73	1		0	0	0	0	19.75	11.77	4.05	9	.0	0		17	11	8
WOLEAI ATOLL		87.8	75.0	81.5		91	30+	70	24		8	0	0	0	12.03		2.15	11	.0	0		14	7	4
YAP WSO AP		85.8	75.6	80.7	- .3	87	29+	73	19		0	0	0	0	9.99	4.41	2.02	19	.0	0		15	7	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1974

STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
KIPA 89.2	A	25.06		.16	.03	1.73	3.11	2.29	1.93	1.30	1.42	.02			.72	.04	.01	.82	.75	.98	2.08	1.60				.14	.01	3.81	2.10					.01
KOHALA MAULILI 176	A	5.53		M	M	.11	.16	.12	.33	.20	M	M	.47		.22		.54	M	M	.21	.21	2.22	.03		M	M	.12	.39					
KOHALA MISSION 175.1		5.12	.01			.23	.18	.25	.28	.22	.45				.27	.13	.22	.12		.01	.45	1.60	T			.10	.01	.37	.02				
KOIAHE LOWER 198	A	7.59	.06	M	M	M	M	M	M	.40	M	M	M	M	M	M	.85	M	M	M	M	M	M	5.48	M	M	M	M	M	M	.80	M	M
KONA (KAIOUA, 68 3	A	2.41					.47		.10	.03			.01		1.58					.05							.01			.07			
KONA VILLAGE 93 8		.85												.55	.05										.05			.20				
KUKAIAU 222		13.73					.47	.14	1.64	.10	.05				.38	.07	1.08	.76	.01	.01	1.71	2.98	T		T	1.46	.12	1.82	.58	.35			
KUKUIHAELE MTC 199		7.64		.03		.01	.01	.04	.58		.02				.32	.52	.72	.50	.01	.02	.31	3.31				.72	.02	.48	.02				
KUKUIHAELE MILL 206	A	9.72		M	M	.04			.62						.29	1.04	.73	M	M	.37	.61	4.77			M	M	.70	.52	.01	.02		M	M
KULANI CAMP 78		14.02		.33	.34	.14	1.61	3.08	3.30	.52	.82	.03		.01	1.06	.19	.06	.42	.07	.98	.10	.40				.06	.02	.10	.38				
KULANI MAUKA 78	A	4.40		.10		.25	.85	1.85	.10					.10	.35				.75	.05													
KULANI SCHOOL SITE 78	A	10.30	M	M	M	M	M	M	M	M	8.15	M	M	M	M	M	M	1.38	M	M	M	M	M	M	M	M	M	M	M	M	.77	M
LANIMAU 68.2		6.94	4.05	.09	.32	.06		.06	.16	.05	.08	.10			.58					.18	.12	.15					.03		.13	.48	.10	.14	.06
MAKAHALAU 103		2.08													.55		.18				.12	.06	.87				.28						
MANUKA 2	A	5.86		M	M	1.00	.15	.30			M	M	.01		2.30	.10	T	M	M	.80					M	M	1.20						
MAUNA KEA 085 111.2		.83				.11	.09	.12						T	.19				.15	.07	T	T			.10								
MAUNA LOA SLOPE 085		3.52		.09	.01	.19	.19	.36		.01				.22	1.08	.04			.40	.67	.10				.16								
MIDDLE MOLUALOA 68.1	A	1.39	M	M	M	M	M	M	M	M	M	M	M	M	.95	M	M	M	M	M	.17	M	M	M	M	M	M	M	M	.27	M	M	M
MIDDLE PEM 147.1	A	1.86	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.42	M	M	M	M	.44	M	M	M	M	M	M
MOMULA 18	A	5.80	M	M	T	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.80
MOUNTAIN VIEW 91		20.19		.85	.03	1.43	3.53	2.24	1.89	.56	.54			.01	1.62	.07	.14	.63	.13	.82	.71	1.28	.01			.11	.02	2.20	1.19				.08
MAALEHU 14	A	20.56	.01	.95			2.21	3.54	4.21	T	.70				1.27	.21	1.85	.44	.11	3.17		.89	T			.01		.14	.85				
NAPOOPOO 28	A	2.41	M	M	M	1.13	M	M	M	M	M	M	.43	M	M	M	M	M	M	.75	M	M	M	M	M	M	.10	M	M	M	M	M	M
NIULII 178	A	5.61	.04	M	M	.01	.17	.30	.42	.09	M	M	.35		.28	.05	.23	M	M	.11	.58	2.22	.12	M	M	M	.12	.52					M
OOKALA 223		14.93				.02	.66	.66	1.49	.39	.32	T			.24	.45	1.15	.84	.04		2.40	1.80	.01			1.26	.17	2.35	.52	.15	.01		
OPIHIHALE 2 24.1		2.17	T	.49		.01	.01	T		.17	.07	T		.47	.01	.01			.09	.01	.69	T			.05		.03	.02		.02	T	.02	T
ORCHID LAND EST 91 5	A	15.75	M	M	M	2.80	M	M	M	M	M	M	6.83	M	M	M	M	M	M	4.62	M	M	M	M	M	M	1.40	M	M	M	M	M	M
PAAUHAU 217		M					.16	.31	.90						.27	1.25	.72	M	M	.32	1.50	1.50			M	M	1.43	.83	.03	.45			M
PAAUILO 221		M					.17	.09	1.20	.03	.02			.01	.25	.20	.78	.80	.01	.01	1.49	2.57	T			1.45	.06	1.38	.33	.19	.01	M	M
PAHALA 21	A	8.38	.01			.05	1.17	1.35	.63	T	.23	.03			.90	.23	1.70	.08	.04	.77	T	.22	T			.02		.01	.92	T			
PAHOA 65		20.18	.06	.66	.01	1.12	4.48	1.45	.37	.98	.27				4.34	.09	.05	.80	.18	1.15	.11	1.05	.02	.01		.17	.04	.97	1.59	.05			.07
PAKAO 37	A	11.10	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	11.10
PAPAIKOU 144.1		15.23	.23	.38	.22	.68	2.82	1.60	.47	.56	.10	.01	.01		.66	.05	.02	.80	.56	.67	1.63	.11				.03		2.36	1.26				
PAPAIKOU MAUKA 140.1		27.70	.02	.05	.10	.91	3.25	1.61	1.11	1.16	1.63	.01			.80	.04	.05	1.46	.43	2.00	7.15	1.03				.06		3.27	1.56				
PIIHONUA 89	A	16.60	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	16.60	M	M
POHAKULOA 107	A	2.31	M	M	M	.44	M	M	M	.28	M	M	.56	M	M	M	.33	M	M	.02	M	M	M	.41	M	M	M	M	.27	M	M	M	M
PUAKO 95.1	A	.74					.01	T		T					.60	.02	T			.03	T	.03				.03		.02					
PUU KIHE 120	A	.00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PUU LAAU 102.1	A	2.58	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.58
PUU LEHUA 73	A	1.90	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.90
PUU MALI 113	A	.00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PUU OO 82	A	11.27	M	M	M	M	M	M	M	M	M	8.22	M	M	M	M	M	M	M	M	M	M	M	M	2.00	M	M	M	M	M	M	M	1.05
PUU WAAWAA 94 1	A	3.41	.02					.03			.01				.32	.02	.06	M	M	1.44	.65	.15			M	M	M	.40		.26	.05	M	M
SADDLE ROAD 1 84	A	16.05	M	M	M	M	M	M	M	14.10	M	M	M	M	M	1.95	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
SOUTH POINT CORRAL 3	A	5.86	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.86
UMIKOA 118		M		.05			.04	.28	1.04	.02	M	M	.01	.03	.69	.20	.89	M	M	.45	.59	.15	.07	.05	M	M	.67	.10	M	.67	.02	M	M
UPOLU POINT USCG 159.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88.2		21.26		.10		1.76	5.27	1.94	1.79	.61	.60	.01			.62	.06	.02	.43	.72	1.13	1.51	.43	T			.10		2.43	1.72				.01

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MARCH 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND		.66			.01	T					T	.01	T			T	.60	.01			T	T		.07			T			.03	.03	
FAGA ALU RESERVOIR		15.56			.20	.70		.70				1.10		.85						.36				1.40			4.15			4.05	.80	1.15	
JOHNSTON WSO AP	R	3.76	.02	.36	.03	.04	.01	.08	.12	.12	.03		.06	.21	.66	.22	1.19		T	T	.03	.20	.04	.16	T	.13	T					.06	
LEONE		9.62	.04	.39	.05		1.35	.03	1.27		.11	1.31	.22					.05	.01		.05	.10	.30	.17	.47			.80	2.00	.28	.40		.22
FRENCH FRIGATE SHOALS		2.63		.08			.07	.06	.19		.05	.14	.68	.13							.08	.10	.17	.82	.06								
LUMA VILLAGE		17.70	.98	.24	.61	.14	.02			.31	.09	.31	.12	.05	.22	.03			.16	.29	.30	.08	2.83	T	.04	*	1.18	2.76	1.94	2.14	.39	*	.46
MIDWAY SAND ISLAND		10.07	.16	.02	.04	.15	3.85	1.01	.02	T	1.28	T					.04	T		.36	1.93	.13	T	T		.05	.04	T			.15	.43	.41
PAGO PAGO WSO AP	R	9.67	.09	.13	.01	.02	.40		.04	T	.07	1.72	.03			T		T	.10	.05	.14	.14	.36	.15	.73	.86	.93	1.18	1.34	.03	.58	T	.56
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-							-	-				-			-	-	-	-	-	-	
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM		11.78		.10	.43	T	T	.27	.64	.57	.18	.71	T	.16	2.07	.82	1.60	1.77	.01	.35	.76	.20	.03	.13	.41	.01	.01			.02	.44	.08	.01
CLARK AFB LUZON		1.47				.05	.05			T						T			.52	.84									.01			
GUAM NAS		9.27	T	.04	.16		.05	.10	.18	.43	.17	.18	.49	.15	1.78	1.01	1.11	1.77	.33	.24	.46	.14	T	T	.71	T	.01		T		.03		.02
GUAM WSO	R	12.25		.17	.36	T	.02	.27	.51	.60	.16	.46	.03	.15	2.08	1.15	1.57	2.55	.01	.24	.67	.06	T	.04	.33	.01	T			.02	.60	.11	.08
MANGILAO		8.44		.08	.10				.21	.52	.21	.11		.72	2.18	.60	.81	1.10	1.01	.01	.16	.44	.02		.46	.43	.03	.04					
ROTA		12.61	T	.40	.05	.70	1.90	.38	.85	.41	T	T	.10	.25	.40	1.96	1.90	T	T	.50	.06	.16	.48	.26	.78	.05	T	.09	T		.15	.18	T	.10
SAIPAN? USCG LORAN		6.24					.02	.05	.16	.01		.12	.01			.07	.26	.10	.75	.82	1.52	.65			.03	.19		.02			.21	.40	.85
WAKE WSO AP	R	.58			T	.22	.10			.03	.03					T							.13			T		.03		T	.05		
* * * CAROLINE AND MARSHALL ISLANDS																																
ANGUAR		9.80			2.00	2.45	.81	1.37	.34					.38		.14			.02	1.55	.10				.07					.10		.50	.06
ENIWETOK		2.91	.02		.01			.01		.02						.01	.02	.02	.03	.16	.86							.07	.88	.69	.03	.06	.02
FALALOP I. ULITHI		7.34		.12		.02			.11	.10	.45	.38			.02	.77	.21	.93	1.08	.63	.29	1.15					.05	.55		.18		.27	.02
KAPINGAMARANGI ATOLL		15.31	.27	.04	.26	.82			.77	.64	.92	.06	.87	1.03	.25	1.32	1.30	.11	.3	.15	.37	.03	2.34	.40								.24	.12
KOROR WSO	R	13.75		T	.48	2.65	.06	1.93	.27	.29	3.46	.59			T	.01	.06	.82	.58	.48		T		.08	.33	.03			.07	.32	.30	.01	.92
KWAJALEIN WSO AP	R	5.82	T	.42	.17	.02			1.37			.14	.08	.73	T	.19	.04		.03	T				.24			T	.02	1.96	.16	T	.16	.10
LELE I. KUSAIE		17.61	.12		.48	1.15	1.05	.21	.12	1.82	1.57			1.36	1.78	.01	.39	.02		.03			.03	.07	.82	.99				.10	.26	1.80	2.33
MAJURO WSO AP	R	7.18	.01	.01	.12	.39	.57	.29	1.54		.35	T	.44	T	.48	.88		.07	.56			.05	T	.01	.28	T	.09		.16	.54			.32
METALANIM		11.66	.25	.39	.83	.14	.12	.07	.64	.60	.21	.41	.32	1.04	.02				2.11	.0.					.30	.29			.29	.20	.09	1.62	.38	.43
MOKIL ATOLL		-	-	-	-				-	-	-	-	-	-	-				-	-		-							-	-	-	-	
NGASANG,BABELTHUAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	R	18.81	.16	.11	.78	.25	.34	.16	1.37	.62	.20	1.72	3.89	.01	.02	.21	2.00	.60	.62		1.07			.22	.30		.95	.06	.20	.68	1.98	.29	T
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	19.75	3.53	.85	1.15	.82	1.09	.16	1.24	1.70	4.05	1.03	1.12	.02	.35	.08		.45			T		1.16		.48		T	.17	.02	.20			.08
WOLEAI ATOLL		12.03		.05	.25	2.01	T	.06	.28	.32	.99	.15	2.15	1.82	.50	.86		.16		.10		T		2.00							.13		
YAP WSO AP	R	9.98	.02		.68			.06	.12		1.20	.14	.65	.02	1.55	.23	.37	.89	.63	.18	.44	2.02							T	.07	.39		.33	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KANAOKOLOA 1775	MAX	66	68	66	68	61	61	67	68	66	67	64	63	62	60	62	67	60	68	69	65	64	63	64	67	69	70	71	73	73	74	73	66.4
	MIN	41	44	42	51	54	54	53	50	52	47	55	56	52	51	44	43	58	54	46	[illegible]	51	56	54	40	41	41	54	52	53	[illegible]	52	49.7
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	76	75	79	80	75	79	77	78	80	79	81	80	79	77	78	80	74	77	78	80	80	83	80	78	78	80	80	83	81	82	81	79.0
	MIN	66	65	65	73	69	72	71	73	73	70	70	69	67	64	63	64	68	68	71	69	75	71	66	61	60	62	61	63	70	74	74	68.0
MAKAHUENA POINT 840.1	MAX																																
	MIN																																
MANA 1026	MAX	85	84	84	83	84	75	83	84	85	84	83	81	80	78	77	78	82	84	82	83	83	83	83	83	83	83	81	84	85	84	85	82.5
	MIN	59	60	61	60	63	64	58	58	60	60	62	67	66	67	64	66	65	63	63	65	70	73	72	61	60	62	63	64	68	66	64	63.7
NIU RIDGE 1035	MAX	79	78	80	78	80	80	81	79	80	80	79	77	76	78	75	76	76	77	78	80	78	75	78	75	76	78	76	78	80	79	80	78.1
	MIN	58	57	56	58	59	60	58	58	58	58	60	59	56	60	58	57	58	58	60	63	65	61	60	57	57	56	57	58	60	60	61	58.9
WAIAHI LOWER 1054	MAX	77	75	77	78	77	74	74	78	76	78	78	79	79	78	79	78	80	73	78	77	78	78	78	80	78	80	81	83	81	81	81	78.1
	MIN	66	60	62	46	63	64	63	62	62	60	59	65	64	64	60	59	62	67	65	64	67	67	64	58	52	56	54	56	60	65	64	61.6
* * *																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	80	80	81	82	82	77	78	80	81	82	82	84	79	77	79	80	80	81	79	81	86	87	86	80	79	83	83	82	83	83	83	81.3
	MIN	64	65	67	64	66	69	69	71	65	63	60	68	67	65	61	64	64	61	71	66	70	74	68	60	59	62	61	62	67	76	74	65.9
EWA PLANTATION 741	MAX	82			83	83	78	80	80			82	81	79	80	77			80	78	81	81	83			84	82	85	83	84			
	MIN	63			61	65	67	66	62			60	63	67	64	61			58	62	63	64	73			57	58	59	62	63			
HONOLULU WSO 703 AP	MAX	83	82	84	85	80	81	83	82	82	81	81	80	80	81	80	79	77	78	81	81	82	83	83	80	82	82	82	83	82	86	87	81.7
	MIN	63	65	63	76	69	70	70	67	69	59	61	70	68	65	63	59	67	66	66	65	74	75	68	58	60	62	64	66	68	73	71	66.3
HONOLULU SUBSTA 704	MAX	77	77	79	78	75	76	76	77	79	79	79	76	78	77	77	78	75	76	76	78	79								82	82	81	77.8
	MIN	69	69	68	72	68	71	71	70	70	68	67	69	69	67	65	63	66	64	66	66	71	71	69	67	66	67	67	69	69	71	73	68.3
KANEOHE MAJOR 781	MAX	76	78	79	80	79	75	76	77	75	79	80	79	75	75	75	77	80	78	74	76	83	90	79	80	79	79	79	82	82	82	82	78.4
	MIN	66	66	67	68	70	70	69	70	70	63	64	69	68	66	64	61	62	68	68	66	67	73	71	62	63	65	63	64	68	68	71	66.8
KUALOA EI 804	MAX	81	78	78	81	76	78	78	76	80	82	82	77	78	78	80	79	73	80	80	84	81	81	80	79	82	82	82	81	80	80	82	79.6
	MIN	66	62	59	63	68	69	70	68	69	64	58	69	65	62	59	57	62	63	62	63	71	72	67	57	54	58	60	61	62	64	70	63.7
MAKAPUU POINT 724	MAX																																
	MIN																																
[illegible] 870	MAX	75	79	76	80	80	80	80	80	78	79	83	83	77	78	75	76	77	76	71	77	80	83	80	79	78	78	81	83	85	81	84	79.2
	MIN	64	63	66	65	64	66	63	64	66	66	63	66	63	67	58	58	57	60	64	63	63	70	66	64	58	59	58	61	70	68	68	63.6
PRI WAHIAWA 826.2	MAX	80			83	82	72	77	75	78	80	84	81	76	75	76	74	79	82	72	79	83	81	74		80	82	85	84	84	78		79.1
	MIN	60			58	64	65	66	60	61	57	56	58	64	62	59	58	63	55	60	59	62	69	64		55	58	56	59	62	66		60.6
WAIALEE 836.3	MAX	72	80	80	82	81	74	78	79	79	80	82	82	82	80	78	80	82	77	74	81	83	84		83	81	82	83	[illegible]	83	79	83	80.3
	MIN	67	67	66	65	68	66	68	68	68	62	63	69	69	68	65	65	66	68	69	68	68	74		60	59	63	65	66	67	69	70	66.5
WAIALUA 847	MAX	81	78	79	80	82	76	79	80	75	78	80	83	82	77	75	76	77	73	71	78	82	85	80	77	78	79	80	85	88	78	84	79.2
	MIN	68	66	68	66	62	66	63	59	58	58	56	62	67	64	60	57	55	60	60	62	64	73	64	65	57	57	59	60	63	62	61	60.7
WAIKIKI 717.2	MAX	84	84	82	84	84	82	82	82	82	84	84	84	78	81	79	81	82	78	79	82	83	83	83	84	83	84	84	83	83	86	85	82.5
	MIN	63	64	61	65	69	69	69	68	69	60	61	67	66	63	60	58	64	64	64	65	71	73	67	59	58	61	62	62	64	64	70	64.5
WAIMANALO EXP FARM	MAX	78	80	78	79	80	77	78	78	78	80	80	81	76	75	75	78	79	78	75	77	80	81	80	81	79	79	80	80	84	82	82	79.0
	MIN	67	64	63	67	69	68	70	70	70	66	62	69	68	65	63	60	64	67	70	67	69	74	67	60	61	66	64	63	66	67	70	66.3
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX																																
	MIN																																
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX		70	73	73	74	72	72		72	77	78	76		74				74	72	74	73					76	79	80	[illegible]			
	MIN		58	59	57	59	62	62		59	57	56	58		59				58	64	60	59					58	59	58	60			
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	59	59	57	57	58	55	55	58	60	61	63	68	56	59	50	57	57	59	58	59	59	62	69	57	62	62	65	64	65	66	68	60.1
	MIN	36	37	36	37	44	42	45	39	33	37	41	45	46	44	35	38	41	44	40	39	46	49	50	41	46	40	40	40	43	50	48	41.7
HALEAKALA SUMMIT 338.4	MAX	52			47	40	39	41	40	52	56	60	[illegible]	43	47	46	51	[illegible]	50	45	46	51	52			53	54	58	61	57	59	58	50.1
	MIN	38			33	31	33	35	33	36	[illegible]	40	34	36	33	34	32	34	34	35	35	36	33			34	41	42	43	41	44	43	[illegible]
HANA AIRPORT 355	MAX	82	80	84	82	82	80	78	79	76	80	81	82	78	81	75	75	80	82	79	81	82	84	86		81	76	78	85	83	83	83	80.6
	MIN	65	66	64	70	67	66	67	67	66	62	59	61	65	66	64	65	61	66	69	69	67	62	65		66	67	67	62	63	66	66	65.2
KAHANAPALI AIRPORT	MAX	80	78	77	81	81	81	79	80	80	81	80	79	77	79	75	76	78	78	80	77	80	80	81	78	79	79	81	80	80	80	82	79.3
	MIN	66	64	64	64	70	68	70	66	63	63	64	68	69	68	65	60	65	67	64	63	72	73	70	65	66	64	64	64	65	65	69	66.1
KAHULUI WSO 388 AP	MAX	80	83	85	84	83	83	83	83	84	85	84	78	79	77	78	81	80	80	83	82	83	82	78	78	82	82	82	83	83	86	87	82.0
	MIN	64	63	60	59	69	70	65	62	56	56	57	64	69	69	67	58	60	60	64	60	73	74	70	66	60	60	61	60	63	61	67	63.7
KAILUA 446	MAX	76			79	74	74	72	72			75	78	76	76	67			77	74	70	75	80			80	77	77	78	78			
	MIN	62			61	64	65	64	63			60	62	64	65	62			60	64	60	60	64			63	64	63	61	62			
KEAWAKAPU BEACH 260.2	MAX	84	83	84	84	88	[illegible]	88	86	83	85	83	86	82	82	79	81	85	83	83	81	85	84	85	81	82	84	81	86	84	86	87	84.0
	MIN	58	60	58	60	66	65	58	60	58	58	60	65	68	66	62	58	60	66	61	61	68	72	71	64	61	62	62	61	62	62	61	62.4
KULA SANATORIUM 267	MAX	70	69	69	72	72	71	72	70	69	70	72	72	71	70	68	66	69	69	70	70	69	72	72	69	73	72	71	72	71	72	73	70.5
	MIN	53	54	54	53	54	61	53	55	52	50	53	54	62	59	53	52	53	59	55	54	55	63	63	52	54	55	57	57	55	54	55	55.3

SEE REFERENCE NOTES FOLLOWIND STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
LAHAINA 361	MAX	84	82	83	85	85	86	84	85	85	83	84	78	80	78	84	84	80	82	83	83	84	84	80	84	87	85	84	85	84	85	85	83.4
	MIN	64	63	64	65	67	70	65	64	63	63	65	66	68	68	62	61	64	65	65	65	67	72	67	62	64	66	65	64	66	66	65	65.2
WAILUKU 386	MAX	79			80	80	79	79	79			87	84	75	79	75			81	79	79	81	81			83	80	80	81	81			
	MIN	68			63	68	69	68	65			60	68	68	66	65			63	68	63	65	69			63	68	64	63	66			
* * *																																	
ISLAND OF HAWAII																															
HAINA 214	MAX	80	77	80	79	78	79	74	77	78	78	79	79	82	78	74	76	78	80	77	77	80	82	82	85	76	79	76	81	82	82	82	78.9
	MIN	63	63	65	61	65	66	63	63	61	60	63	64	66	66	64	59	62	65	65	62	62	64	67	65	65	64	64	65	65	65	67	63.9
HAWAII VOLCNS NP HQ 54	MAX	70	67	77	69	65	65	59	60	61	65	67	69	67	61	67		69	68	64	71	69	67	67	74	64	68	64	65	69	71	69	67.0
	MIN	47	40	47	52	53	54	49	50	48	47	49	53	56	54	52		50	54	53	53	54	53	53	57	51	58	56	55	51	55	52	52.2
HILO WSO 87 AP	MAX	80	81	83	82	81	79	81	78	81	82	84	88	78	78	78	78	80	77	81	83	87	84	85	78	80	75	86	87	85	86	84	81.6
	MIN	60	62	62	65	66	65	63	64	62	63	60	61	67	67	67	64	63	67	64	66	66	63	67	69	70	69	66	64	63	63	66	64.6
KAINALIU 73.2	MAX	74	76	75	75	77	75	77	76	75	76	76	78	78	76	75	78	79	77	75	76	78	78	80	80	77	78	78	78	78	74	75	76.8
	MIN	58	58	57	59	62	60	62	59	58	58	58	62	53	64	61	58	57	62	61	60	62	62	64	64	63	62	61	63	60	63	64	60.9
KAMUELA 192.2	MAX	72	74	72	73	72	70	72	72	70	73	76	75	76	70	72	72	75	76	70	73	75	72	74	73	73	77	75	76	75	75	73	73.3
	MIN	57	48	48	51	56	55	57	54	57	50	53	56	59	58	58	45	48	57	58	53	57	53	56	58	54	56	54	55	56	56	55	54.5
KEAAU 92	MAX	79	78	78	79	75	77	76	78	78	78	78	82	84	77	79	75	75	78	78	80	81	81	86	86	75	80	73	83	84	82	82	79.2
	MIN	60	59	61	64	64	64	62	62	62	61	59	58	61	65	65	64	62	65	63	63	65	61	61	67	62	62	67	62	61	62	60	62.4
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	79	77	78	78	77	77	74	76	75	77	79	79	81	79	78	74	78	78	75	78	81	81	82	82	77	79	77	81	81	81	79	78.4
	MIN	63	61	60	66	66	66	65	62	62	61	61	63	66	67	64	60	61	67	64	62	64	67	69	65	65	67	63	64	64	65	68	64.1
KONA (KAILUA) 68.3	MAX	83			83	83	80	80	80			83	82	81	81	80			81	80	82	86	82			84	84	83	85	81			
	MIN	65			65	68	69	68	67			64	66	69	68	69			69	67	68	72	73			73	71	73	71	67			
KULANI CAMP 79	MAX	61	62	60	62	60	59	59	62	56	58	63	65	67	59	62	60	64	66	59	65	65	70		68	68	64	62	65	66	65	65	62.9
	MIN	38	41	43	46	48	50	43	46	42	41	37	39	52	46	42	42	43	51	50	48	50	48		52	48	51	51	44	41	45	50	46.6
MAUNA LOA SLOPE OBS	MAX	44	42	42	42	40	42	44	51	48	48			39	42	44	43	44	40	41	44	50	56	53	53	50	56	53	57	53	59		47.1
	MIN	28	27	26	28	34	31	31	32	28	30			33	34	32	30	30	31	31	32	34	37	40	37	34	36	36	36	35	37		32.5
MOUNTAIN VIEW 81	MAX	76	75	75	75	69	72	68	69	74	74	74	78	80	72	75	74	74	74	70	76	78	80	83	83	83	75	71	77	77	80	80	75.5
	MIN	58	58	58	58	58	58	58	59	59	59	59	59	59	58	58	59	59	59	58	58	59	58	58	58	58	59	58	58	58	58	58	58.4
NAALEHU 14	MAX	78			78	77	77	70	74			77	78	78	72	77			79	77	78	77	79			85	80	75		79			
	MIN	64			63	63	64	64	65			60	60	65	65	64			62	64	66	66	64			65	68	66		62			
OOKALA 223	MAX	79	77	79	78	80	78	73	74	77	76	78	79	81	78	74	74	77	78	74	78	78	81	82	81	76	78	71	81	80	80	80	77.7
	MIN	64	63	63	65	66	65	65	63	63	64	63	64	64	63	63	63	62	63	62	62	62	66	66	65	60	64	61	60	65	67	68	63.7
OPIHIHALE 2 24.1	MAX	75	75	76	76	73	75	75	75	72	77	79	83	70	74	75	77	75	71			80	82	79	76				80	76	73	75	75.9
	MIN	57	55	57	60	61	62	56	56	58	57	60	62	63	60	56	56	58	58			57	59	59	60				60	60	63	65	59.0
PAHALA 21	MAX	78			78	79	77	74	76			77	78	79	81	86	81	78	80	76	79	77	78	84	87	80	81	76	78	74	78	79	78.8
	MIN	57			58	61	63	60	62			56	59	64	63	64	59	60	61	62	62	63	62	62	62	62	62	63	62	58	59	65	61.1
PUAKO 95.1	MAX	83	82	82	82	83	80	83	80	81	84	81	82	84	78	79	81	80	80	80	80	81	81	82	81	81	84	84	84	82	83	84	81.7
	MIN	64	62	63	66	66	66	70	65	67	65	64	65	68	67	66	63	64	67	67	64	68	64	66	66	68	67	68	65	65	68	69	65.9
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
x x x																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	82	91	90	80	92	90	82	91	91	92	92	91	90	90	86	92	91	90	91	92	88	87	88	90	90	86	87	89	87	90	82	89.7
	MIN	75	76	76	76	76	76	77	77	77	78	75	76	75	76	74	76	78	76	78	76	77	75	74	77	76	76	76	76	73	76	76	76.0
JOHNSTON WSO AP	MAX	79	81	81	81	81	81	82	80	83	83	82	81	76	78	81	82	81	81	80	82	82	83	81	80	82	82	83	83	82	82	81	81.2
	MIN	73	72	73	72	73	70	71	70	75	75	73	73	68	73	72	73	74	74	74	72	74	72	70	72	75	76	76	76	74	74	75	73.0
LEONE	MAX	91	90	88	92	92	92	88	92	93	88	90	92	91	92	90	92	92	92	91	92	90	90	88	90	86	85	86	86	90	90	88	90.0
	MIN	83	80	80	86	88	77	77	80	77	77	80	86	84	85	87	78	78	80	80	83	88	86	84	80	80	75	76	76	81	77	77	80.9
FRENCH FRIGATE SHOALS	MAX	77	74	78	78	78	77	79		78	78	78	77	78	78	77	81	82	82	82	82	82	82	77	78	79	76	82	84	82	87	82	79.6
	MIN	68	67	74	69	67	63	72	69	69	74	71	69	69	67	70	74	73	70	72	72	74	69	69	67	70	70	73	70	69	73	76	70.3
MIDWAY SAND ISLAND	MAX	76	77	71	70	73	75	69	71	70	68	63	66	65	73	74	67	69	70	69	70	67	64	67	71	74	71	69	70	74	69	62	69.8
	MIN	68	64	62	65	65	66	64	67	66	58	57	58	58	59	60	60	56	66	63	62	57	52	58	57	64	60	63	61	65	59	57	61.2
PAGO PAGO WSO AP	MAX	87	84	84	85	86	87	87	88	87	86	86	89	88	88	87	87	86	87	87	86	86	86	84	84	83	81	80	83	86	85	82	85.6
	MIN	73	73	70	73	74	72	74	74	73	75	74	74	73	74	72	73	75	76	78	75	76	75	76	75	76	75	74	76	7,	72	74	74.2
SWAINS ISLAND	MAX																																
	MIN																																
x x x																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	85	83	83	83	81	81	80	83	82	82	82	80	77	77	78	78	82	85	79	77	81	82	83	81	80	83	83	84	84	83	87	81.6
	MIN	76	76	74	75	74	74	73	73	75	73	75	74	72	74	72	72	75	78	75	74	74	73	73	73	75	75	76	76	74	76	76	74.4
CLARK AFB LUZON	MAX	84	82	84	88	82	90	88	84	88	90	90	88	88	82	88	90	91	84	82	86	86	88	88	90	91	91	91	91	88	91	91	87.6
	MIN	68	68	68	70	72	72	66	68	68	66	68	68	70	70	70	72	70	72	70	66	70	70	70	72	72	73	73	70	73	75	73	70.1
GUAM NAS	MAX	85	84	84	84	83	83	84	85	84	84	83	83	80	79	83	81	86	86	81	79	81	82	84	84	83	85	86	86	86	86	87	83.5
	MIN	76	74	74	74	75	76	75	75	76	74	76	75	74	75	76	74	76	77	76	71	75	75	75	74	75	75	75	75	77	77	75	75.1
GUAM WSO	MAX	84	85	83	83	82	83	83	83	83	83	83	82	79	78	81	81	84	86	80	79	80	82	84	82	82	83	85	86	85	84	85	82.7
	MIN	74	73	70	72	71	72	72	72	73	70	74	72	70	73	72	71	74	76	74	72	73	72	72	72	74	73	72	69	75	74	71	72.4
SAIPAN? USCG LORAN	MAX	85	85	85	86	86	84	83	85	86	86	89	95	94	86	85	87	84	87	85	85	85	84	84	84	85	83	84	86	86	86	85	85.8
	MIN	66	66	75	72	70	71	71	78	70	73	74	75	70	74	71	73	73	73	74	72	73	75	74	72	74	75	77	68	67	76	74	72.5
WAKE WSO AP	MAX	84	82	82	83	79	78	76	78	80	78	78	79	82	82	82	83	83	85	84	83	83	78	79	82	82	79	81	81	84	85	85	81.3
	MIN	71	71	68	68	69	69	69	70	68	70	68	69	70	70	72	72	72	73	75	75	70	68	68	68	69	70	72	71	72	73	73	70.4
x x x																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	86	88	88	87	87	88	87	88	87	89	88	90	88	89	88	88	86	88	89	89	92	91	88	88	93	89	87	86	85	87	88	88.1
	MIN	76	76	76	79	79	78	76	77	78	77	76	75	72	71	75	71	71	71	73	73	72	73	72	71	70	68	66	72	78	75	78	74.0
FALALOP I. ULITHI	MAX	87	86	84	84	85	85	86	87	85	85	86	86	85	84	85	84	85	87	85	87	85	83	87	84	86	87	87	86	86	86	85	85.5
	MIN	82	78	79	79	78	76	77	79	79	79	77	75	75	77	79	76	73	79	78	80	77	78	75	77	75	68	78	77	75	77	77	77.1
KAPINGAMARANGI ATOLL	MAX	85	86	86	86	85	85	86	84	84	86	85	83	85	83	85	85	86	88	88	88	88	87	87	86	86	85	86	87	88	88	87	86.0
	MIN	75	75	75	75	75	74	75	75	75	75	74	74	75	74	74	75	74	75	77	74	74	74	74	74	74	75	74	75	75	78	73	74.7
KOROR WSO	MAX	88	89	88	78	88	87	88	90	89	87	88	89	83	86	85	87	85	86	87	88	88	87	89	88	88	88	89	90	89	90	88	87.5
	MIN	76	75	74	73	74	73	75	76	71	71	73	75	75	74	76	74	76	75	74	73	73	75	76	74	76	77	77	75	78	74	74	74.6
KWAJALEIN WSO AP	MAX	86	86	86	87	86	87	82	86	86	86	85	85	87	85	87	87	87	87	87	89	88	85	87	87	86	83	86	87	87	87	87	86.3
	MIN	79	76	77	77	79	79	75	79	77	78	77	75	80	76	76	81	78	79	80	78	79	78	79	79	79	78	74	77	80	77	79	77.9
LELE I. KUSAIE	MAX	86	87	87	86	86	86	86	88	87	89	89	87	87	85	85	88	87	87	85	86	89	88	91	88	89	90	89	88	90	86	88	87.4
	MIN	76	73	73	76	74	75	75	72	70	72	76	76	75	75	75	70	77	75	65	76	73	76	76	73	74	74	75	79	76	79	70	74.2
MAJURO WSO AP	MAX	85	86	84	85	84	83	83	85	83	86	84	84	85	83	86	84	84	86	86	87	86	85	85	85	84	86	86	85	86	86	85	84.9
	MIN	78	78	78	74	75	75	73	78	75	78	75	76	76	75	80	77	76	79	77	77	75	77	76	77	75	79	77	74	80	80	76	76.6
METALANIM	MAX	86	87	89	88	88	84	88	86	87	88	87	87	87	87	88	88	89	88	88	89	88	88	88	89	89	90	89	87	87	85	88	87.6
	MIN	75	78	75	73	74	72	73	74	74	74	78	75	73	75	74	72	74	79	81	78	73	73	72	71	75	80	66	79	67	65	70	73.9
PONAPE WSO	MAX	88	90	90	87	87	89	86	87	88	86	84	90	89	90	89	88	89	91	90	91	92	88	90	90	90	90	84	89	81	89	88	88.4
	MIN	75	77	74	74	74	71	74	74	74	74	71	71	75	74	74	73	74	77	72	71	71	72	71	70	73	73	73	76	74	75	74	73.4
TRUK, MOEN I. WSO AP	MAX	86	87	82	84	88	87	85	87	86	86	84	87	88	87	88	88	89	89	88	89	89	88	88	88	88	88	88	84	89	88	88	87.1
	MIN	73	76	75	74	75	74	74	74	74	76	75	78	74	78	75	75	77	78	77	77	76	75	75	75	78	75	79	77	80	80	78	76.0
WOLEAI ATOLL	MAX	89	89	84	85	85	85	85	88	89	89	83	86	85	86	88	86	88	90	90	88	88	88	89	89	89	90	90	90	91	91	90	87.9
	MIN	77	78	76	71	71	76	75	76	75	76	73	72	72	76	79	74	75	78	79	78	76	73	71	70	72	74	75	78	78	74	76	75.0
YAP WSO AP	MAX	86	86	87	86	86	85	87	87	87	87	85	83	85	82	83	86	86	86	84	87	85	85	87	86	87	87	87	87	87	86	86	85.8
	MIN	76	78	76	77	76	76	77	76	76	74	74	74	74	75	74	76	77	75	73	76	75	76	75	74	75	78	76	74	77	77	76	75.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
* * * ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.27	.31	.29	.02	.50	.24	.23	.22	.28	.45	.09	.25	.14	.18	.17	.25	.17	.07	.18	.19	.13	.02	.26	.32	.21	.28	.28	.34	.27	.23	.34	7.19
	WIND	121	122	55	144	276	101	261	232	198	157	64	101	48	49	65	72	70	65	167	117	128	189	168	69	75	77	77	68	63	105	120	3714
	MAX	85	86	82	84	82	82	82	80	81	84	84	83	82	83	79	83	85	73	78	79	79	78	81	86	85	84	87	88	87	88	89	82.9
	MIN	59	59	59	62	64	66	64	66	63	64	62	61	61	62	60	59	59	59	64	64	64	67	65	58	56	56	57	57	59	66	66	61.5
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.22	.20	.08	.26	.24	.12	.24	.24	.15	.31	.19	.17	.15	.14	.19	.16	.22	.05	.11	.15	.17	.25	.26	.22	.30	.22	.25	.27	.24	.24	.27	6.28
	WIND	36	20	19	29	40	28	58	40	36	32	27	55	34	22	37	22	27	12	16	25	55	97	87	39	29	29	29	32	27	35	34	1108
	MAX	81	85	76	87	88	76	85	83	83	86	89	86	80	80	82	85	88	67	80	84	88	90	90	87	87	88	90	92	92	87	88	84.9
	MIN	60	61	60	62	62	65	62	65	60	60	60	62	67	63	65	60	61	63	62	64	69	69	67	59	58	58	60	64	62	65	65	62.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																												TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
E E E EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.24	.24	.28	.31	.31	.33	.36	.27	.31	.32	.16	.10	.28	.15	.19	.21	-	.30	.27	.34	.23	.31	.34	.15	.24	.34	.24	.39	.40	.46	.44	8.808
	WIND	182	179	206	252	223	225	231	280	258	186	86	87	156	208	165	89	158	187	153	179	136	204	248	249	159	172	150	185	184	224	261	5873
	MAX	83	92	90	88	91	90	91	87	88	90	90	91	81	82	82	89	90	92	86	92	93	90	88	86	93	96	95	92	91	88	87	88.9
	MIN	72	72	72	72	72	72	72	72	73	72	74	73	71	71	71	71	70	70	71	72	73	72	72	70	71	72	74	73	73	72	71	72	71.9
E E E WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.38	.28	.32	.37	.28	.18	.31	.19	.26	.32	.27	.21	.34	.04	.27	.08	.27	.21	07	.06	.16	.25	.12	.16	.20	.32	.20	.30	.11	.18	.18	6.90
	WIND	132	158	187	176	170	143	187	225	212	172	174	178	188	200	231	242	176	121	62	82	108	163	139	115	117	164	141	75	54	114	76	4694
	MAX	90	87	84	86	84	86	86	87	87	86	84	84	83	82	81	83	90	90	84	79	80	83	87	87	84	88	88	96	91	90	90	86.0
	MIN	70	69	70	66	70	70	71	72	72	70	70	70	70	70	73	73	71	74	74	72	69	71	72	72	70	69	71	70	75	74	72	71.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0835	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			GROVE FARM CO LTD
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	317		WI		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			GROVE FARM CO LTD
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	GROVE FARM COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			GROVE FARM CO LTD
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			GROVE FARM CO LTD
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0864	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11		1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			LOCKHEED BALL MISS DIV
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL B	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 48	240				C	MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5 R	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2 M	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		9A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK M. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 48	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 R	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803 A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	2886	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		6A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		WI			MOLOKAI RANCH, LTD.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE *	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0898	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			MAUI CO WATER DEPT
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	R	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		M0			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	8335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	MAUI COUNTY WTR DEPT
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		8A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		M0			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	R	1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1088		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	R	2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY
HUALALAI 72	R	2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	R	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	R	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 28	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 38	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			HAMAKUA MILL CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LALAMILO FLD OFF 181.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	18 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	KAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			HAMAKUA MILL CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 88	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BEMLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS		4226	03	MARIANNA IS		13 28N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	351	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 40E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN? USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I, ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

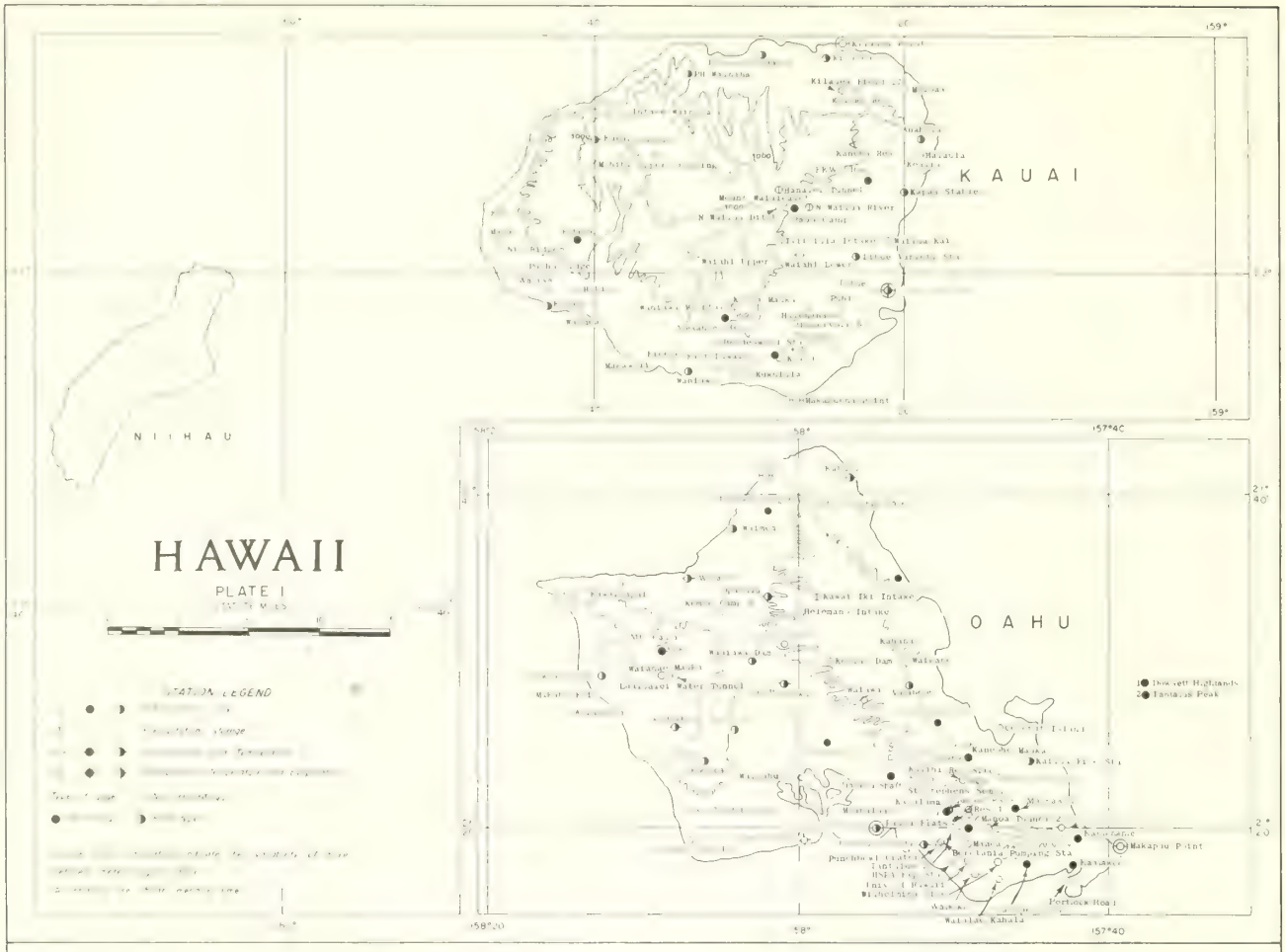
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

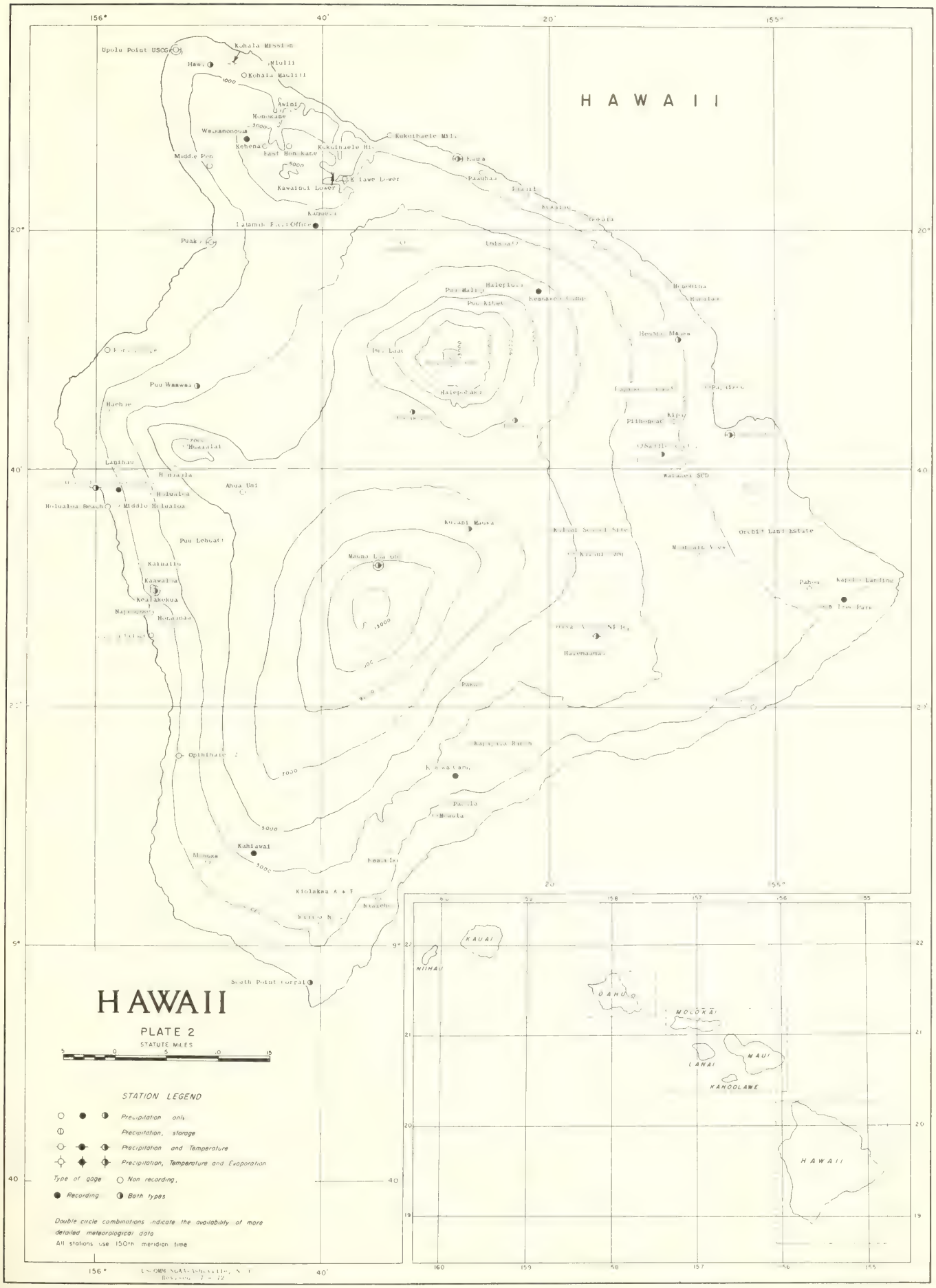
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

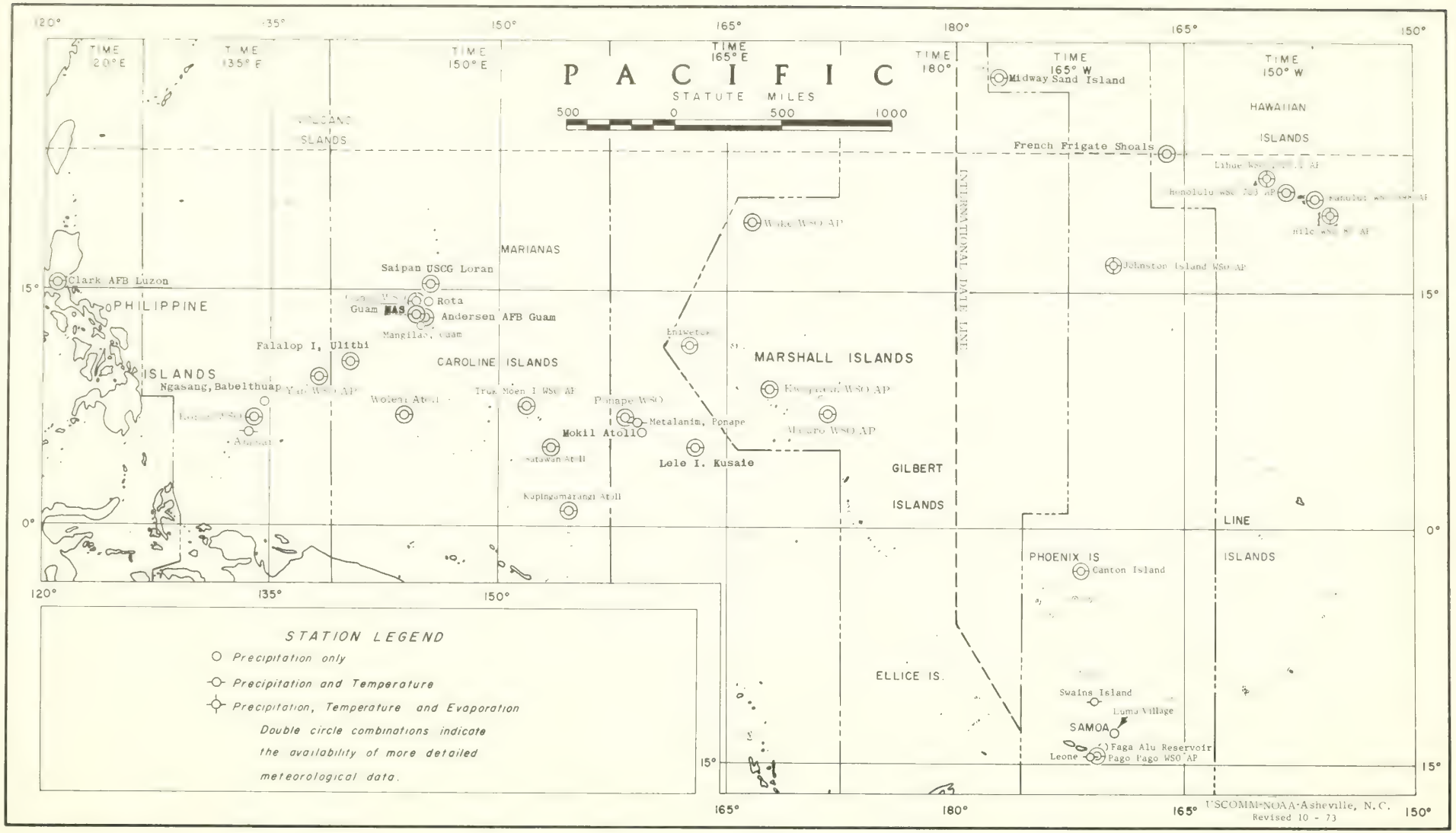
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

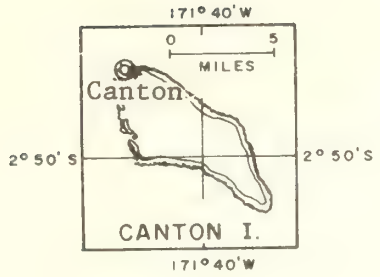
William H. Haggard
Director, National Climatic Center

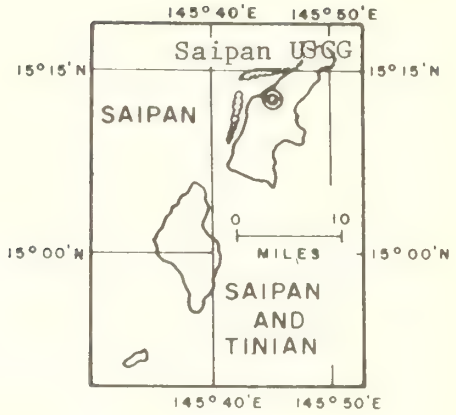
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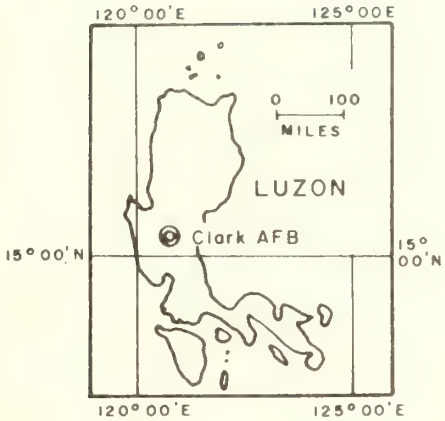

KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATION LEGEND
Kaala Station
Makapuu Point
Portlock Road
Waialae Kahala
Honolulu Pumping Sta
Manoa Tunnel
Nuuanu Tunnel
Kaau Crater
Waiahole Tunnel
Kaukonahua Tunnel
Helemano Intake
Kawai Iki Intake
Kaala Pk. Sta
Waialua
Waimea
Kahuku
Waialae
Kaneohe
Waiahole
Waiahole Ditch
Waiahole Intake
Waiahole Tunnel
Kaukonahua Intake
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Waialua Ditch
Waialua Tunnel
Waialua Intake
Waimea Ditch
Waimea Intake
Waimea Tunnel
Kaala

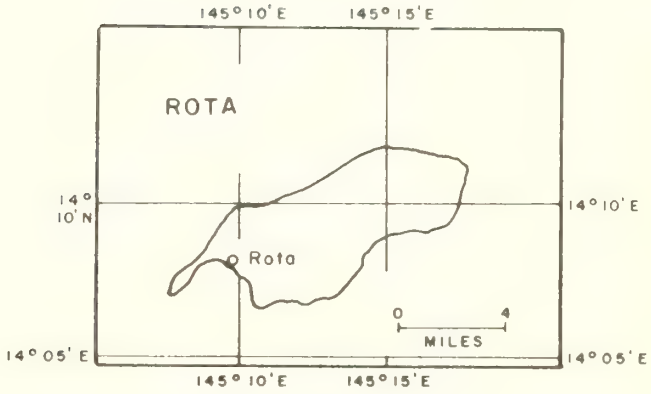

HAWAII
Upolu Point USCG
Kohala Mission
Niulii
Kohala Mac1111
Awini
Mahukabe
Waikanonoua
Kehena C
Middle Pen
East Honokane
Kukuihaele Hi
Kukuihaele Mill
Kawaihoi Lower
Kamuela
Waimea Post Office
Puukapu
Waimea
Puu Waawaa
Hachie
Lanihau
Honokaia
Ahuia Uni
Holualoa
Holualoa Beach
Middle Holualoa
Puu Lehuaki
Kalmalilo
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Opihihale
Kahiawai
Manuka
Kiolakaa A & F
Naalehu
South Point Corral
Hawi
Pololu Valley
Waipio Valley
Waimea Mauka
Kalaoa Secondary Site
Waikoloa Village
Kawaihae
Pahoa
Kapoho Landing
Hilo Bay
Hawaiian Ranch
Pahala
Honuapo
Kaalualu
Keauhou
Kapapala Ranch
Mauna Loa Observatory
Mauna Loa Observatory
Hilo
Hawaiian Paradise Park
Orchid Land Estate
Waikoloa SCD
Pithecanthropus
Kipuka
Puu Ulaula
Hualalai
Mauna Kea
Kohala Mountains
Hamakua Coast
Kona Coast
Kau Desert
Puna
Hilo
Kona
Kau
Hamakua
Kohala
Waimea
Hamakua
Hilo
Puna
Kau
Kona

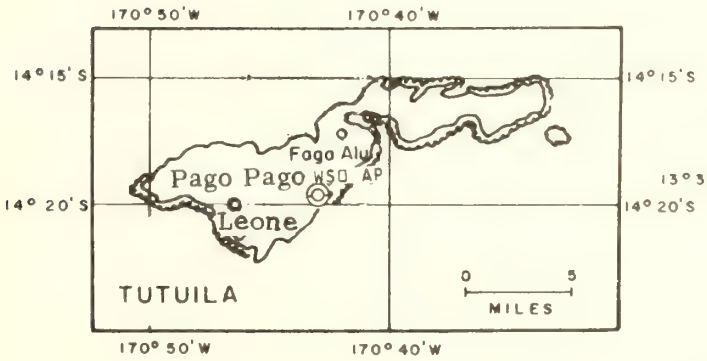

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Rota
Guam NAS
Andersen AFB Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Mokil Atoll
Lole I. Kusaie
Kapingamarangi Atoll
Eniwetok
MARSHALL ISLANDS
Metalanim, Ponape
GILBERT ISLANDS
ELLICE IS.
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Johnston Island WSO AP
PHOENIX IS
Canton Island
LINE ISLANDS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120°
135°
150°
165°
180°
15°
0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

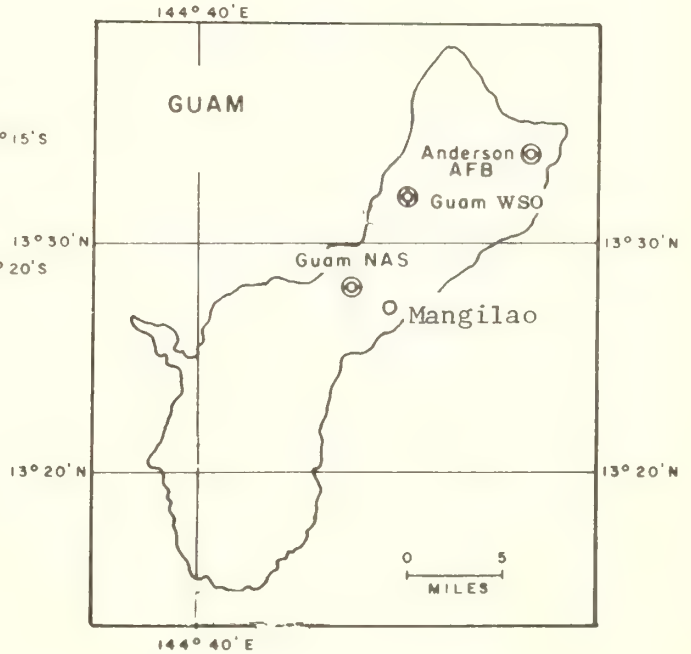

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

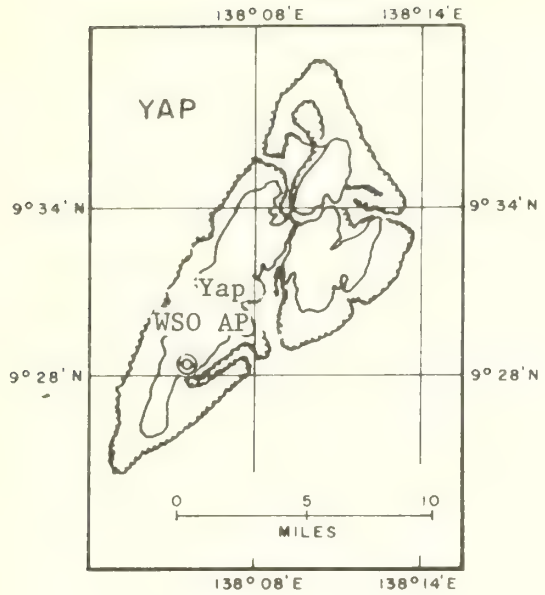

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

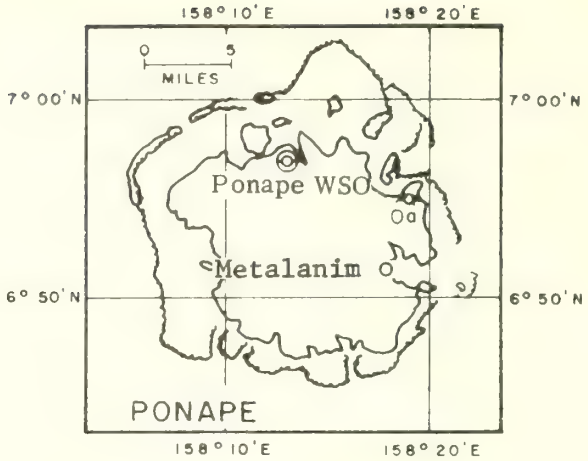

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

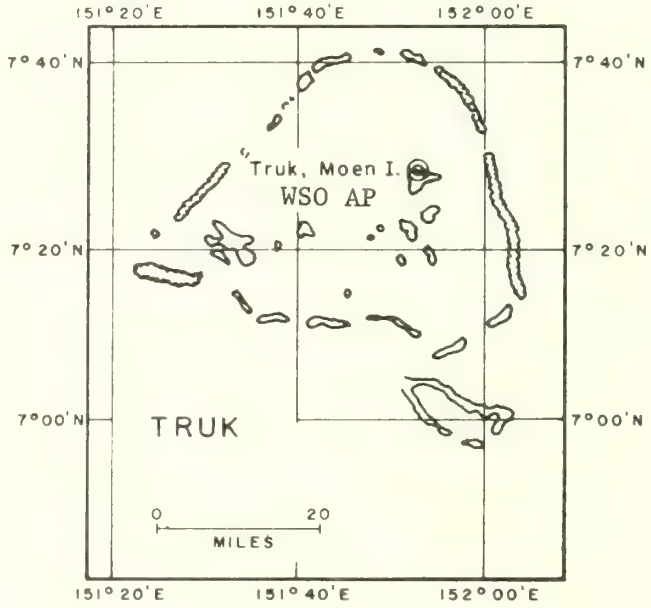

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

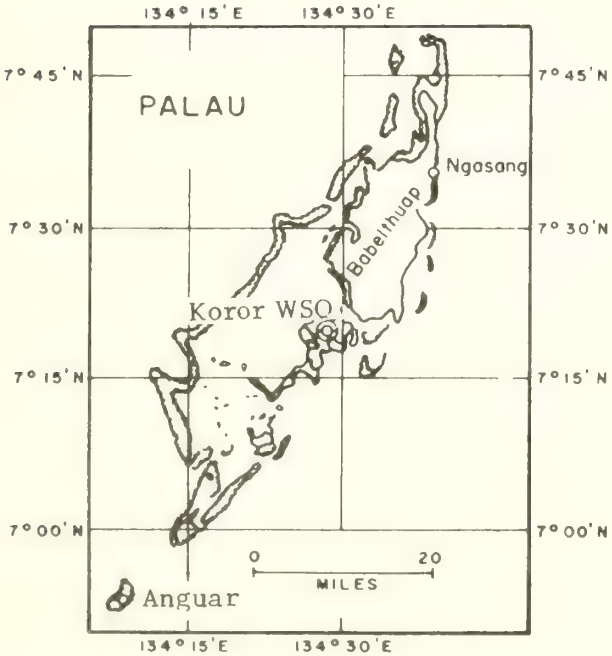

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

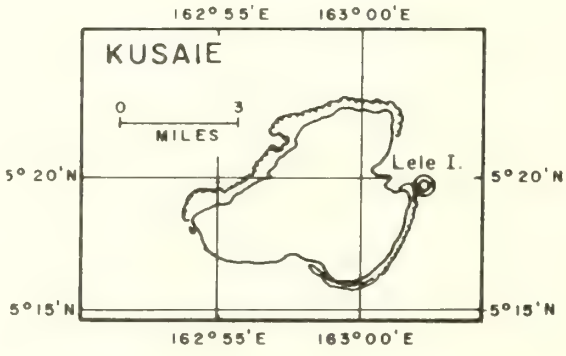
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
Yap
WSO AP
0
5
10
MILES

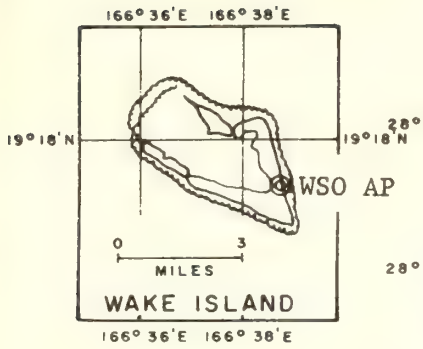

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Oa
Metalanim
PONAPE

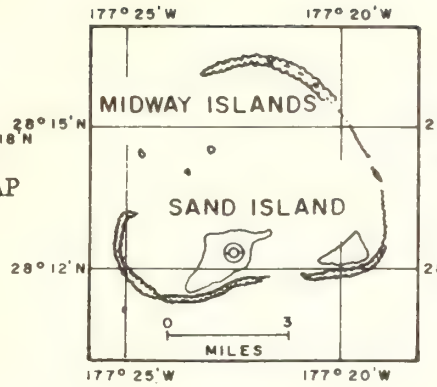

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

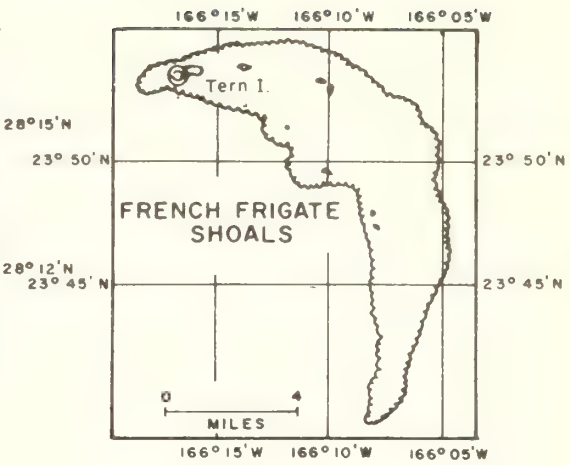

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

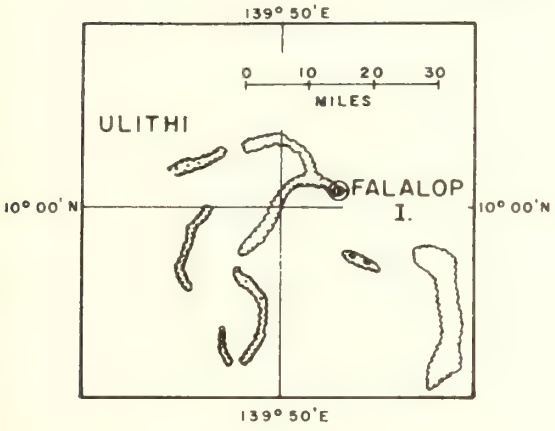

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

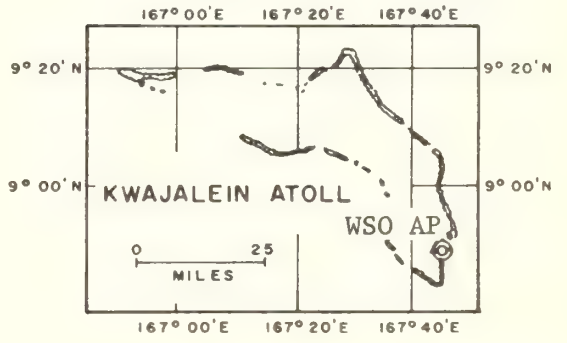
— Reef

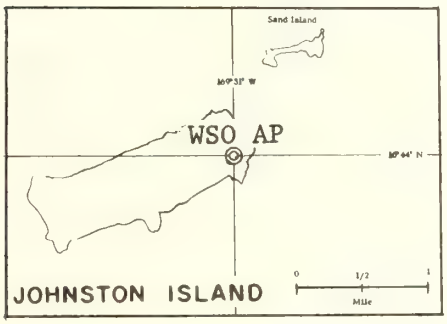

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

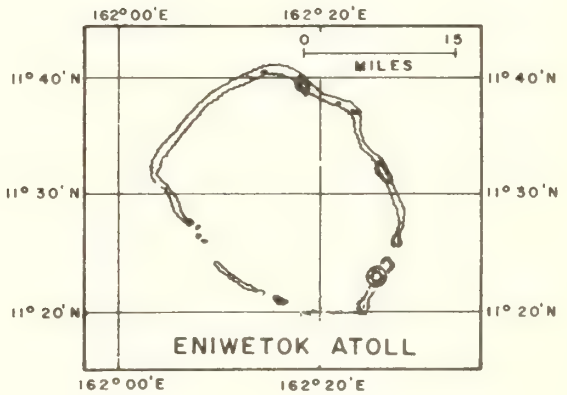

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

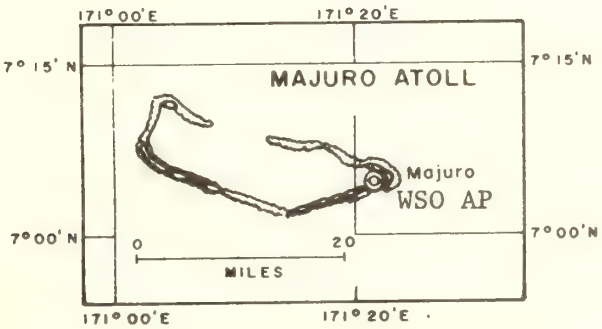

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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AMERICAN REVOLUTION BICENTENNIAL 1776-1976

APRIL 1974 Volume 70 Number 4

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE		
MOLOKAI, MOLOKAI	96	DATE 14
LOWEST TEMPERATURE		
HALEKALA, MAUI	31	DATE 22
GREATEST TOTAL PRECIPITATION		
MOUNT WAILEALE, KAUAI	68.10	
LEAST TOTAL PRECIPITATION		
2 STATIONS	.04	
GREATEST 1 DAY PRECIPITATION		
OPAEULA, OAHU	15.50	DATE 19

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE, N.C.

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME GREENWICH CIVIL 12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	22	E	24+	-	79	79	89	1	8	8	1	2	2	22	66	-
HILO, HAWAII, WSO AP	12	0.4	6.0	17	NE	09+	88	83	70	84	1	2	12	4	0	4	23	48	7.2
HONOLULU, OAHU, WSO AP	6	10.9	12.2	30	NE	20	74	68	56	67	15	5	3	0	0	1	24	60	6.3
JOHNSTON ISLAND WSO AP	8	19.1	19.8	33	E	20+	77	76	71	75	9	10	2	0	1	1	23	46	7.1
KAHULUI, MAUI, WSO AP	5	12.4	13.8	32	E	09	78	71	54	71	6	10	4	0	0	0	20	72	5.3
KOROR WSO AP	-	-	-	29	N	22	90	-	81	79	1	5	11	8	2	0	27	43	8.6
KWAJALEIN WSO AP	6	12.7	14.1	30++	8	28	86	84	79	83	2	5	11	3	4	3	28	-	8.9
LIHUE, KAUAI, WSO AP	6	13.5	14.8	30	NE	19	78	74	69	76	3	8	8	4	1	0	24	53	7.0
MAJURO WSO AP	-	-	-	34	E	10	83	83	77	80	1	6	9	5	3	2	26	52	9.2
PAGO PAGO WSO AP	7	4.3	7.5	29	NW	26	87	89	74	83	0	9	8	1	4	0	22	-	8.0
PONAPE WSO AP	-	-	-	19	SE	03	90	-	80	81	0	2	14	7	4	3	30	46	9.2
TRUK, MOEN I, WSO AP	-	-	-	30	NW	30	87	-	78	78	5	5	8	6	3	0	27	66	9.5
WAKE WSO AP	7	19.6	20.3	35	NE	02	85	86	70	76	3	14	4	1	0	0	22	62	5.6
YAP WSO AP	-	-	-	23	NE	19	88	-	79	78	1	5	15	4	0	1	26	64	8.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1974

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	50 OR MORE	1.00 OR MORE
HAWAII																							
* * *																							
ISLAND OF KAUAI	01																						
ANAHOLA 1114	R													6.78		1.80	12	.0	0				
KANALOHULUHULU 1075		67.3	52.2	59.8		74	29	42	25		0	0	0	9.22		2.04	19	.0	0		16	8	2
KAPAA STABLES 1104	R													7.28				.0	0				
KILAUEA FIELD 17 1135	R																	.0	0				
KILAUEA POINT 1133																		.0	0				
KOLOA 936	R													15.81		4.00	19	.0	0				
LIHUE WSO 1020.1 AP	//R	80.7	71.1	75.9	2.6	83	30+	65	27		0	0	0	5.57	2.32	1.13	5	.0	0		13	5	1
MANA 1026		84.4	64.0	74.2	1.3	87	17+	60	28		0	0	0	1.96	.34	.42	19	.0	0		8	0	0
N WAILUA DITCH 1051	A													27.15				.0	0				
PH WAINIHA 1115														36.65	24.07	8.80	19	.0	0				
PUEHU RIDGE 1040														4.10	1.51	1.65	19	.0	0		8	3	1
WAHIAWA 930	A													8.54	5.86	4.08	19	.0	0				
WAIAHI LOWER 1054		78.6	62.7	70.7		84	28	55	28		0	0	0	24.99	15.67	3.52	23	.0	0		23	16	12
WAIMEA 947														2.41	.72	.75	20	.0	0		7	1	0
ISLAND				70.2										12.54				.0					
* * *																							
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		82.3	69.8	76.1		85	3+	63	29		0	0	0	6.80		1.81	19	.0	0		13	4	2
HONOLULU OBSERV 702.2														4.14		3.40	20	.0	0		4	1	1
HONOLULU WSO 703 AP	R	84.2	70.6	77.4	2.6	87	30+	63	27		0	0	0	4.13	2.77	3.14	19	.0	0		4	1	1
KANEOHE MAUKA 781		79.9	70.1	75.0	2.4	83	4	66	27		0	0	0	6.25	- .01	2.06	20	.0	0		13	3	1
KOOLAU DAM 833	A													27.31		7.02	19	.0	0		23	12	8
LUALUALEI 804	A	81.9M	68.0M	75.0M		86	15	58	27		0	0	0	2.80		2.00	19	.0	0		3	1	1
MAKAPUU POINT 724																		.0	0				
NUUANU RES 4 783														21.30				.0	0				
OPAEULA 870	A													22.94		15.50	19	.0	0				
PALOLO VALLEY 718	R													13.98	2.17	2.94	19	.0	0		19	11	5
PRI WAHIAWA 820.2	A	82.3M	63.8M	73.1M		86	15	57	29		0	0	0	7.44				.0	0				
WAHIAWA DAM 863	A													9.87				.0	0				
WAIAHOLE 837	A													18.98				.0	0				
WAIALEE 896.3		80.2	68.9	74.6		83	3+	64	27		0	0	0	8.11		2.89	20	.0	0		13	4	2
WAIALUA 847	A	81.2	63.6	72.4	.9	86	30	59	27+		0	0	0	10.57	8.25	6.30	20	.0	0		7	2	2
WAIKIKI 717.2		84.5	66.8	75.7		87	30+	59	27		0	0	0	1.93		.35	20	.0	0		9	0	0
WAIMANALO EXP FARM		80.2	69.6	74.9		83	29+	64	27		0	0	0	5.01		1.93	12	.0	0		11	2	2
WAIPAHU 750	A													2.93				.0	0				
ISLAND				74.9										10.26				.0					
* * *																							
ISLAND OF MOLOKAI																							
KUALAPUU 534	R													1.27				.0	0				0
MAPULEHU 542																							
MAUNALOA 511	A													.80				.0	0			0	0
MOLOKAI AP 524		83.3	67.6	75.5		96	14	63	11		2	0	0	.77		18	7	.0	0		4	0	0
ISLAND				75.5										.95				.0					
* * *																							
ISLAND OF LANAI																							
LANAI CITY 672	A	74.8M	61.7	68.3M	.7	81	11	58	1		0	0	0	1.65	- 1.64			.0	0				
ISLAND				68.3										1.65				.0					
* * *																							
ISLAND OF MAUI																							
HALEAKALA B E S 434	A													8.82		1.53	19	.0	0		17	6	2
HALEAKALA RS 338		60.2	43.1	51.7	- .5	70	1	38	24		0	0	0	7.37	3.34	.94	14	.0	0		16	7	0
HANA AIRPORT 355		82.6M	67.9M	75.3M		88	14	61	24		0	0	0	7.85				.0	0				
HONOKOHUA 493	A													3.64				.0	0				
KAANAPALI AIRPORT		82.4M	67.7M	75.1M		85	30	63	25		0	0	0			.38	19	.0	0		3	0	0
KAHULUI WSO 398 AP	R	84.8	67.6	76.2	2.4	88	29+	60	1		0	0	0	.75	- .50	.18	4	.0	0		4	0	0
KAILUA 446		76.1M	65.0M	70.6M	1.4	79	16+	62	24		0	0	0	20.56	8.85			.0	0				
KEANAE 346	A													36.70				.0	0				
KIPAHULU 258														9.34	2.01	1.60	18	.0	0		20	6	2
KULA SANATORIUM 267		72.0	56.8	64.4	2.3	75	13+	54	26+		0	0	0	7.19	4.21	4.03	13	.0	0		8	2	2
LAHAINA 361		85.5	66.8	76.2	2.9	89	30	63	27		0	0	0	.04	- .89	.02	29	.0	0		0	0	0
PAIA 406														1.64	- 1.08	.17	18+	.0	0		9	0	0
WAILUKU 386	A	81.3M	68.4M	74.9M	1.9	85	2	65	11		0	0	0	1.66	- .75			.0	0				0
ISLAND				70.6										8.80				.0					
* * *																							
ISLAND OF HAWAII																							
HAINA 214		79.6	65.5	72.6	2.4	82	10+	62	24		0	0	0	11.32	3.37	3.76	23	.0	0		11	5	4
HAWAII VOLCNS NP HQ 54		67.0M	53.0M	60.0M	1.0	72	4+	50	27+		0	0	0	19.72	9.62	3.55	16	.0	0		20	12	7
HILO WSO 87 AP	R	81.4	65.6	73.5	1.3	88	1	62	27+		0	0	0	19.11	6.23	4.15	19	.0	0		20	8	4
HUEHUE 92.1	A													6.62	3.61			.0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
APRIL 1974

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW. SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
KAINALIU 73.2		76.4	61.9	69.2		80	20	58	26		0	0	0	0	6.47	.58	3.54	18	.0	0		9	2	2
KEAAU 92		79.3	62.5	70.9	- .2	83	5+	59	8		0	0	0	0	20.18	7.76	4.72	20	.0	0		22	9	4
KEALAKEKUA 26.2															3.65				.0	0				
KONA (KAILUA) 68.3	A	82.5M	69.3M	75.9M		84	26+	66	29+		0	0	0	0	4.14				.0	0				
KUKUIHAELE HIC 199															7.80	- .37	2.05	16	.0	0		15	5	2
KULANI CAMP 79		62.4	46.4	54.4		67	4	39	1		0	0	0	0	20.42		2.75	16	.0	0		19	12	7
PAHALA 21	A	79.1M	61.9M	70.5M	.6	81	30+	57	29+		0	0	0	0	2.21		.62	21	.0	0		5	1	0
POHAKULOA 107	A														.93				.0	0			0	0
PUAKO 95.1	A	84.2	69.2	76.7		87	17+	65	27+		0	0	0	0	.04		.02	16+	.0	0		0	0	0
PUU WAAWAA 94.1	A														2.80	.50	1.15	23	.0	0			2	1
UMIKOA 118															12.00	2.86	3.18	17	.0	0				
WAIAKEA SCD 88.2															33.67		5.20	20	.0	0		20	16	8
ISLAND				69.3											10.69				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE													PRECIPITATION										
											NO. OF DAYS									SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																									
* * * EAST OF 180TH MERIDIAN																									
CANTON ISLAND		90.2	77.0	83.6		95	4	75	18+		19	0	0	0	2.73		1.04	25	.0	0		6	2	1
FAGA ALU RESERVOIR															17.84		3.70	30	.0	0		20	14	5
JOHNSTON WSO AP	R	81.3	74.6	78.0		83	29+	68	10+		0	0	0	0	7.25		5.46	9	.0	0		4	2	2
LEONE		88.5	80.8	84.7		92	22	70	19		10	0	0	0	14.23		3.60	30	.0	0		16	11	5
FRENCH FRIGATE SHOALS		81.4M	72.0M	76.7M	4.2	87	1	66	26		0	0	0	0	.00	- 3.16	.00		.0	0		0	0	0
LUMA VILLAGE															14.89		3.64	26	.0	0			8	5
MIDWAY SAND ISLAND		70.7	62.1	66.4	- 1.2	76	28+	57	1		0	0	0	0	1.28	- 1.09	.46	29	.0	0		6	0	0
PAGO PAGO WSO AP	R	85.4	73.8	79.6	- 1.0	89	16	69	17		0	0	0	0	8.80	- 3.46	1.59	17	.0	0		13	5	4
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																									
ANDERSEN AFB GUAM		84.6	77.0	80.8	1.3	88	2	74	26		0	0	0	0	14.55	10.88	5.42	27	.0	0		12	4	4
CLARK AFB LUZON		91.2	73.1	82.2	- 1.6	97	19	70	11+		28	0	0	0	7.65	6.12	3.00	26	.0	0		7	3	2
GUAM NAS		85.2	77.8	81.5	.7	88	3	76	14+		0	0	0	0	10.41	6.58	3.29	28	.0	0		15	4	3
GUAM WSO	R	84.4	73.7	79.1	.1	86	23+	69	30		0	0	0	0	14.83	10.80	4.56	27	.0	0		13	5	4
MANGILAO															10.36		2.56	28	.0	0		13	5	3
ROTA															19.68		4.51	28	.0	0		18	10	6
SAIPAN? USCG LORAN		86.7M	75.2	81.0M		89	25+	64	8		0	0	0	0	7.93		3.54	29	.0	0		11	5	1
WAKE WSO AP	R	82.7	71.3	77.0	- 1.3	85	8+	68	16+		0	0	0	0	1.93	- .29	.74	15	.0	0		5	1	0
* * * CAROLINE AND MARSHALL ISLANDS																									
ANGUAR															10.92	3.36	3.88	16	.0	0		12	5	4
ENIWETOK		86.4	75.2	80.8	- 1.4	89	20+	63	2		0	0	0	0	12.13	10.02	2.24	13	.0	0		12	9	5
FALALOP I. ULITHI																			.0	0				
KAPINGAMARANGI ATOLL		86.8	74.7M	80.8M		90	8+	70	9+		2	0	0	0	9.95		1.71	11	.0	0		15	7	3
KOROR WSO	R	87.5	75.7	81.5	- .3	90	28+	71	20		3	0	0	0	10.86	2.17	1.51	20	.0	0		21	10	2
KWAJALEIN WSO AP	R	85.2	76.3	80.8	- 1.0	88	18+	74	26+		0	0	0	0	18.98	13.07	3.51	29	.0	0		21	10	7
LELE I. KUSAIE																			.0	0				
MAJURO WSO AP	R	84.6	76.3	80.5	- .6	86	27+	73	12+		0	0	0	0	15.67	5.36	3.18	16	.0	0		19	10	5
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															12.47		3.95	22	.0	0			6	2
PONAPE WSO	R	87.6	73.9	80.8	.1	92	26	71	16		7	0	0	0	22.24	2.66	4.30	10	.0	0		28	14	7
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	87.4	76.1	81.8	.5	90	29	72	30		1	0	0	0	11.59	- 1.58	1.77	9	.0	0		17	9	3
WOLEAI ATOLL		88.5	73.6	81.1		91	1	67	20		11	0	0	0			1.84	9	.0	0		14	8	4
YAP WSO AP	R	86.4	76.0	81.2	- .5	88	23+	74	30+		0	0	0	0	10.07	4.09	2.77	20	.0	0		20	5	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1974

DAY OF MONTH

STATION	TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF KAUAI #1																																
HANAPEPE 1114	A	6.78	05	04	06	03	98	*	*	1 05	08	06	.03	1 80	30	*	.20	.25	.04	.12	.10	*	*	1.26	.25	.04			*	*	.04	
BRYDES WOOD STA 985	A	14 60	04	01	06	02	1.30	*	*	2 00	.78	42	07	*	*	*	.89	.47	.03	.59	3.80	*	*	2.90	.97	.07	.18	T				T
EAST LAWAI 934	A	15.45	12	03		05	2.00	*	*	2 54	.36	.06	.30	*	*	*	1.24	.76	.03	.32	4.00	*	*	2.10	1.10	.17	.02	.02	*	*	.10	.14
ELEELE 927	A	6.88					.48	*	*	.78	.17	*	T	*	*	*	.11	.11	T	.27	2.10	*	*	2.54	.21	.09	.03					
HALAULA 1110	A	5.67	08		04	05	1.08	*	*	1.03	.04	.03	.15	.70	16	*	.31	.35	.04	.15	.10	*	*	1.10	.20	.03			*	*	.03	
HALENANAHO 1006	A	16.31	.21	.04		10	2.31	*	*	3 14	.29	20	13	*	1.36	*	.65	.30	.11	.80	1.14	*	*	3.27	1.91	.23	.05	.04				.03
MUKIPO 945		2.93					.18			.13										.04	.80	.75	.57			.36	.10						
ILILILILA INTAKE 1050	A	28.22	35	14	03	06	*	*	*	6.86	1 52	*	*	*	*	*	2.30	1.07	.25	1.28	*	*	*	10.64	2.98	.50	.09	.03				.12
INTAKE WAININHA PD 1086	A	58.26	17	*	*	2 50	*	*	*	19 10	*	*	.64	*	*	*	8.55	*	*	*	15.30	*	*	*	12.00	*	*	*	*	*	*	*	
KANALOHULUMULU 1075		9.22	01		06	24	.70	.32	1.01	.64		.18	.02	.44	.53	.22	.13	.08		.17	2.04	.85	.61	.01	.33	.61	.02					
KANEHA RESERVOIR 1092	A	15.67	22	05	06	90	2.31	*	*	2.30	.28	.05	.20	2 00	.80	*	.92	.55	.17	.75	.35	*	*	2.78	.46	.30	.08		*	*	.05	
KAPAA STABLES 1104	W	7.28	04	02		03	1.14	*	*	1 20	02		.13	90	.08	*	.57	.11		.37	.90	*	*	1.21	.30	.10		.10				.05
KEALIA 1112	A	5.67	15			03	.95	*	*	1 10	.04	02	.13	.70	.05	*	.30	.15		.30	.21	*	*	1.25	.10	.06			*	*	.03	
KEPAHA 944		1.47					.22		.04	.06	02			.05				.02		.06	.14	.67	.02			.15	.02						
KILAUEA 1114	A	14.74	16	.05	.31	21	1.67	11		1.67		74		2.40			1.83	.07		.50	1.65		2.69	.46		.11				.09	.03
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOLO 1033		2.14					.06			.12				03				.12		.18	.33	.15	.73	.05	.24	.13						
KOLOA 936	A	15.81	16	08	.10	10	2.30	*	*	2 40	28	01	21	*	4	*	1.42	.68	.01	.45	4.00	*	*	1.77	.83	.67	.16	.06	*	*	.04	.08
KOLOA MAUKA 894	A																															
KOLOKO RES 1137	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUKUIULA 935	A	9.28	03			07	1.00	*	*	1 36	.45		.01	*	*	*	.73	.35	T	.18	3.20	*	*	1.21	.40	.17	.06		*	*	.07	T
LIHUE VARIETY STA	A	12.53	13	.05	.10	04	1 70	*	*	2 36	.36	.30	.03	*	1.46	*	.52	.40	.03	.32	.56	*	*	2.38	1.59	.04	.09	.05	*	*	.02	
LIHUE 1020	A	9.20	07	02		04	2 08	*	*	1 45	.22	.12	.02	*	*	*	1.21	.05		.43	1.05	*	*	1.74	.60	.04	.03	.02	*	*	.01	
LIHUE WSO 1026 1 AP	2B	5.57		01		53	1.13	07	69	.14	.02		.12	.24	.14	12	T	.03	.23	.16	.80	.17	.04	.87		.04	T	T			.01	.01
MAHAENA POINT 940 1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKAWELI 965	A	4.30					.17		20	.07	.13				.03					.08	1.94	.87		.55	.05	.20	.01					
MANA 1026		1.98			.10		.17			.21						.03		.24		.01	.42	.23	.37	.03	.15							
MOHIHI UPR CROSS 1083	A	00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MOLOAA 1145	A	6.97	.10	.05	.01	.21	.85	*	*	.90	.07	.02	.04	1 30	.15	*	.40	.15	.11	.18	.31	*	*	1.90	.10	.01	.05		*	*	.06	
MOUNT WAIALEALE 1047	R	68.10	.08	.63	.43	3.30	6.34	2.36	4.41	1.65	2.28	55	3.15	1.34	2.56	1.46	2.84	.88	2.95	3.23	10.04	7.05	2.72	4.96	1.65	.35		.35				.35
NIU RIDGE 1035		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N WAILUA DITCH 1051	A	27.15	14	.22	.30	.21	2.16	*	*	3.78	1.09	.72	1.26	*	*	*	4.58	1.32	.15	1.74	3.30	*	*	3.22	2.35	.31	.19	.05				.06
PW WAIMINA 1115	V	48.82	47		.07	1.45	4.44	*	*	5.62	.36	.38	.05	*	*	*	3.35	.98	.18	1.73	8.80	*	*	6.88	1.62	.19	.08					
PRINCEVILLE RANCH 1117		26.53	14	.01	2.96	.34	2.37	*	*	2.22	.36	.73	.20	2.88	*	*	1.00	.38	.12	.92	2.22	*	*	2.05	.53	.20	.04	.01	*	*	.05	.01
PUEHU RIDGE 1040		4.10					.15		.25			.12		.22		.06		.04			1.65	.68	.60		.33							
PUHI 1013	A	7.14				03	.70	*	*	.90	.30	.01		*	*	*	.80	.24	.02	.17	2.40	*	*	.86	.32	.29			*	*	.10	
RESERVOIR 6 1004	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAWA 930	A	8.54					.67	*	*	1.03	.27	T	.03	*	*	*	.12	.42	T	.27	4.08	*	*	1.30	.27	.05	.03			T		
WAIAHI LOWER 1054		24.98	15	09	10	.11	2.24	1.23	1.43	1.06	1.02	.66	.34	1.00	1.09	.84	.20	1.16	.14	.76	2.05	3.19	1.47	.77	3.52	.12	.08	.08				.08
WAIAHI UPPER 1052		20.36	.38	.15	.03	.06	2.10	1.75	1.65	1.10	1.20	.80	.80	.54	1.00	.36	.20	1.10	.22	1.20	2.90	4.20	2.00	.25	4.00	.25	.15					
WAIAWA 943		1.77					.36			.06	.02					.13		.03		.03	.26	.53	.10	.01	.23	.01						
WAILUA KAI 1065	A	8.81	.02		.02	07	1.40	*	*	1.20	10	.05	.02	*	1.15	*	.40	.12		.30	.36	*	*	2.52	1.00	.04		.04				
WAIMEA 947		2.41					.11			.13	.06	.05								.08	.48	.75	.45		.20	.10						
WEST LAWAI 931	A	11.45	T			.01	1.21	*	*	1.68	.50	T	.03	*	*	*	.65	.43	T	.25	4.35	*	*	1.55	.63	.05	.06	.01	*	*	.01	.02
* * * ISLAND OF OAHU																																
BERETANIA PUMPING STA		5.32				04	.04	24	.60	.08	T			20	.30	.07	.03		T	.15	.20	2.06	1.08	.15	.04	.02					.01
CAMPBELL IND PK 702 5		4.30					.05	.05			.03			T			T	.02			.05	3.28		.06	.08	.68						
CAMP 84 807	A	3.54		*	*	.03	.04	*	*	*	.22	*	10	*	*	*	.10	*	*	.12	2.30	*	*	.36	*	*	.25					
CHURCH COLLEGE LAIE		6.80		.01	T	.26	.44			T	21	.07	T	.68	.43	.40	.02	.17	T	T	1.81	.62	.28	1.04	.03	.15	.12			.07	T	
COCONUT ISLAND 840.1		3.76		.02		.01	.06	.30	.19	.04				.93	.05	.13	.09	.29	.02	.09	.29	.87	.04	.14	.15				*	.05	
EWA PLANTATION 741	V	3.28					.01	*	*	.16				*	.01	*	.01	.05			.04	2.55	*	.02	.20	.23						
HELEMANO INTAKE 881	A	28.62	*	*	*	*	*	*	*	2.10	*	*	*	*	*	*	2.60	*	*	.80	*	*	*	22.10	*	*	.98	*	*	*	.04	*
HOKULOA 725.2	A	.66	*	*	*	*	*	*	*	.44	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.25	*	*	*	*	*
HOMOLUL OBSERV 702 2		4.14			T		.02	.04	.17	T					T	T	.09	.19			T	3.40		.02	.21	T						
HONOLULU WSO 703 AP	R	4.13		T		.03	.06	04	T	T	T	.02	T	T	.16	T	.17	3.14	.44	T	.07	T	T					T	T			
HONOLULU SUBSTA 704	R	2.12				.06	.05							.61	.30	.03	.27			.10	.47	.18	.05									
H S P A EXP STA 707		4.01		T		.10	.20	.39	.49	.17	.03	03	.02	.17	.32	.18	.11	.18		.15	.25	.49	.28	.33	.06	.06	T					.02
KAENA POINT 841.3		*	*	*	*	.33	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.76	*	*	*	*
KAHUKU 883	A	28.52	*	*	*	*	*	*	*	3.90	*	*	*	*	*	*	4.08	*	*	*	*	*	*	19.00	*	*	*	*	*	*	1.54	*	
KAHUKU 912	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791 3		3.76	.05				.08	02	.05			.22		1.11	.20	.10	.05	.15	.05	.08	.67		.12	.05	.50	.05	.03			.01	.04	.07
KALIHI RES SITE 777	R	15.14				50	.34	.22	70	.06		.04	.44	.90	.32	.64	.42	.04	.44	1.84	5.20	.36	.60	.72	.82	.52	.02	.02		.02	.10	.06
*KANEOHE MAUKA 781		6.25				06	17	.05	42	.08		.01			.22	.25	.25	.17	.04	.33	.66	2.06	.15	.15	.18	.88	.05				.01	.05
KAPALAMA 773	A	16.02		30		37	.57	*	*	.50	.55	.06			*	*	1.53	.55	.02	.85	2.04	*	*	7.70	.06	.74						.18
KAWAIHAPAI 841	A	6.23				03	.29	15	.25	.02	.03		02	*	*	*	.12	.06	*	.04	2.00	*	*	2.98		.24						
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	A	12.31	.01			04	.22	.22	25	T	03	.01	05	*	*	*	.09	.03	T		5.20	6.02	.02	.05	*	.01	T					.06
KOOLAU DAM 833	A	27.31				.17	2.40	1 04	1.02	.41	.11	.21	.33	.85	.85	.28	.20	1.75	.20	1.90	7.02	5.01	1.01	1.32	.15	.66	.04				.18	.20
LUALUALEI 804	A	2.80		02		*	.08				.04		.13	*	*	*	.03		*	.03	2.00	.08	.03	.03	.18	.08	.04	.03				
LUALUALEI WTR TUNNEL	A	00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	2.57			T			T	T					.03	.05	T	T	T	T	T	.59	1.80	T	T	T	.02	.07			.01		
MAKAHA PUMP 800 2	A	2.14																			2.02				.02		.05	.05				
MAKAPUU POINT 724		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANOA 712.1		10.56		05		26	.50	.46	.75	.25		.22	.19	.18	.48	.65	.28	.57	T	.39	1.09	1.50	.85	.85	.37	.54						
MANOA TUNNEL 2 716	R	19.38		.02		1.16	.82	.62	38	.04		.46	.22	.44	1.22	1.26	.58	.64	.24	1.84	4.78	.26	1.12	.74	1.52	.64			.02	.06	.14	.13
MOANALUA 770		12.11				22	*	.54	.55	.13		.01	11	.05	*	.29	*	.20	.03	.37	1.48	6.80	.22	*	.50	.48						.03
MUUANU RES 4 783		21.10		04		.76	.70	.22	.34	04		.34	24	1.56	.68	1.02	1.00		.40	2.56	*	*	*	9.88	.62	.62				.06	.20	.02
MUUANU RESERVOIR #5	A	18.95		*	*	*	*	*	*	1 92	*	*	*	*	*	*	3.30	*	*	*	*	*	*	11.80	*	*	*	*	*	*	1.48	.45
OPAEULA 870	A	22.94	01			*	.93	80	44	10	03		.28	*	*	*	1.10	.20	*	.35	15.50	*	*	2.95	*	.15						.10
PALI GOLF COURSE 788 1		8.35				31	.15	02	.17	.15	06		05	1.12	.73	.73	.10	.27	.17	.10	1.75	.71	.18	1.02	.03	.37	.01				.15	
PALOLO VALLEY 718	R	13.98			02	.78	1 04	48	.40	.12		.08	.06	.50	.68	1.60	.56	.30	.20	1.08	2.84	.16	1.14	.60	.20	.78			.02	.06	.16	
PAUOA FLATS 784	R	24.78		18	02	88	1 08	46	.48	.12	08	.78	.24	1.88	1.04	.84	1.48	.02	.60	3.04	5.42	.90	1.20	1.44	1.18	.86	.02	.02		.06	.38	.08
PORTLOCK ROAD 724.4		*				.56	.05	10									.33	*	*	*	*	*	1.00	*	*	*	*	*	*	*	*	*
PWI WAHIAWA 820 2	A	7.44				07	16	*	*	.97					*	*	.21	.19		.03	2.20	*	*	3.37	.03	.11						
PUNCHBOWL CRATER 709	A	5.43		01		09	.15	.37	.54	.10	.02	.06	03	.02	.37	.24	.20	.37	.01	.28	.36	1.27	.40	.10	.26	.10	.02					.10
ST STEPHENS SEM 788		7.92				.02	.38	.15	.05	11	06	T	.07	.91	.58	.33	.42	.50	.03	.17	.75	1.75	.13	.35	.25	.71	T				.05	.15
TANTALUS 2 780 5		17.91		.15	03	.25	.99	*	*	2 12	.08	.09	.80	.37	.88	.42	.63	1.03	.02	.31	2.06	3.62	*	1.65	1.02	1.18	.03				.01	.17
UNIV OF HAWAII 713	A	5.04		01		.15	.36	*	*	.99	03	.02	.07	*	*	*	.87	.24	T	.19	.38	*	*	1.37	.17	.18						.01
UPPER WAHIAWA 874 3		20.41	03			05	.50	.51	.54	.17	.13	.15	10	.25	.07	.46	.10	.42	T	.40	3.40	11.16	.84	.08	.64	.13						.01
WAHIAWA DAM 863	A	9.87				.20	*	*	*	*	*	*	*	*	*	*	.41	*	.39	.15	2.72	*	*	5.40	*	.07	T					.28
WAIAHOLE 837	A	18.98	*	.09	.03	*	67	*	*	.87	.11	*	.10	*	*	*	2.78	1.56	.05	.11	2.90	*	*	6.70	.26	2.34	.12	.04	*	*	.11	.12
WAIALAE KAHALA 715		3.36				08	.17	18	20	.03	.01			.16	.52	.19	.01	.07	T	.26	.27	.47	.07	.21	.07	.23	T					.06
WAIALEI 806 3		8.11		.03	.01	09	.62	.67	.29	01	.18	.15	.06	.09	.09	.13	.02	.11		.16	1.71	2.89	.42	.15	.02	.06					.05	.10
WAIALUA 847	A	10.57				10	.21	.12	.30	06		T	02		.01	.16	.03	.03	T	.09	3.09	6.30	.02	.02	T	.01						
WAIAMAE 708 2	A	2.46						T	.02					T	.01						.15	2.10			T	.02	.10			.06		
WAIAMAE MAUKA 803	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIANAE 836	A	22.97	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
WAIKANE 885	A	18.58	*	*	*	*	*	*	*	2.30	*	*	*	*	*	*	3.71	*	*	*	*	*	*	11.70	*	*	*	*	*	*	*	22.97
WAIKIKI 717.2		1.93				.12	.08	12	.13	.03				.12	.30	.07	T	.12		.05	.18	.35	.03	.15	.02	.05				.87	*	
WAIMANALO EXP FARM		5.01					.09	.21	12					1.93	.32	.43	.02	.12	.02		.12	1.12	.05	.12	.22						T	.12
WAIMEA 802	A	14.82	02			29	.77	.37	.54	.13	.01	.20	*	*	*	*	.97	*	.09	.37	8.72	1.54	*	.56	*	.10						
WAIPAHU 750	A	2.93					.04	*	*	.34				*	*	*	.03	.03			.47	*	*	1.96	.01	.05						.14
WILHELMINA RISE 721	R	7.58	.04	02		.86	.42	.48	.28	.14	04	.04	10	.34	.74	.36	.28	.04	.10	.28	.80	.06	.66	.42	.22	.66	.02			.14	.02	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1974

STATION		TOTAL	DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
* * * ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	5.71			.14	.23	.07		.06	.27	.16	.04	.20			.08	.04	13	.08	.14	3.37	15	.06	07			.03	.04	.08	.28			
KAUNAKAKAI 538	A	.36															.21								04				.11			
KEONELELE PENS 551	A	1.01														.33									68							
KUALAPUU 534	A	1.27				x	x	x	.75					4	x	.08					x	x	x	.33				x	x	11		
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	.80				.08	.09	x	x	.20				x	x	x	.10					x	x	.09			07		x	x	.16	.01	
MOLOKAI AP 524		.77				.07	.10		.18	.01				.01	.05	.07	T	T			T	.15	.02	T						11	T	
PUUOHOKU RANCH 542.1		2.78		.01		.10	.54											.03		08	44	1.15	.14	.08	04				x	17		
WAIKOLU 540	A	8.12		.10						1.84							2.50							2.76						84		
* * * ISLAND OF LANAI																																
KAMEPUU 690	A	.38	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.33	x	x	x	x	x	x	05	x	x	x	x	x
KAUMALAPAU HARBOR 650	A	.89												x	x	x	.73	T								.16						
LANAI CITY 672	A	1.65				.20	.30	x	x	x	x	x	x	x	x	x	1.10	x	x	x	x	x	x	x	x	x	x	x	x	x	05		
LANAIHALE 684	A	1.98	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.89	x	x	x	x	x	x	.09	x	x	x	x	x
MAHANA 694	A	.64	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.61	x	x	x	x	x	x	.03	x	x	x	x	x
MALAUEA 676	A	1.59	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.51	x	x	x	x	x	x	.08		x	x	x	
WAIAKEAKUA 685	A	2.31	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.25	x	x	x	x	x	x	x	x	x		x	x	x	x	.06
* * * ISLAND OF MAUI																																
AUWAHI 252	A	1.58															1.05												.54			
HALEAKALA B E S 434	A	8.82		.02		.32	.07	.47	.13	.27	.12			.10	.27	1.26		.53	.04	.85	1.53	.26	.26	.49	.76		.05			80	.12		
HALEAKALA RANCH 432	A	3.72	x	x	x	.14	x	x	x	x	x	x	x	x	x	x	1.09	x	x	.34	.50	x	x	.33	x	.55	x	x	x	x	.77	x	
HALEAKALA RS 338		7.37				.24	.18	.24	.05	.20	T	T			.65	.94	04	.52	02	.65	43	.30	.26	70	86	.54	.02		T	11	.06	T	
HALEAKALA SUMMIT 338.4	A	4.16				.12	.08	x	x	.25	.04	.04	.06	.15	x	x	.70	.10		.38	.52	x	x	.83	.50	33			x	x	05		
HALIIMAILE 423	A	8.86		.01		.20	.23	.13	x	.34	x	.15	x	.42	x	x	1.74	x	x	x	3.00	x	x	80	x	x	x	74	x	x	1.10		
HAMAKUAPOKO 485		3.18		.02		.15	.07	.15	.20	.17	.04			.02	.10	.16	.23	.08	.02	.42	.58		.18	11	.25					.10	.06	.01	
HANA 354	A	5.12	.09	.13	.04	.48	.08	.13		.28	.01	.06	.01	.16	.19		.23	.08	.15	.30	.27	.70		.18	.85	.62	.03	.04			.01		
HANA AIRPORT 355		7.85	.03	.03	.03	.32		.30	.06	.08	.05	T	07	x	2.00	.48	.13	.08		.72	.48	39	x	.35	1.35	.41	.02	08	T	.34	T	.04	
HANAHULI 281		8.55		.15		.62	.32	.20	.16	.08	.02	2.50	.76	.44	.02	.03	.05	.09	.14	.06	.48	.85	.35	.34	.57	T			.02	.06	.02	.22	
HOLUA CABIN 250.5	A	7.25	T	x	x	.25	x	x	x	x	x	x	x	x	x	x	3.00	x	x	x	x	x	x	x	4.00	x	x	x	x	x	x	
HOMOKOHAU 480	A	10.33	x	x	x	x	x	x	x	x	x	x	x	4	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.32	
HOMOKOHUA 493	A	3.64				.05	.30	.08	x	.38	.01		x	x	x	x	.75	.07		.18	.60	x	x	1.10	.02				x	x	.10		
HOMOMAMU GULCH 341	A	14.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.00
KAANAPALI AIRPORT		-				.13	.03	T		T					.05	.05	.01	.01		.02	.38	.20	-	T						.04		
KAHOMA INTAKE 374	A	18.91	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	18.91
KAHULUI WSO 308 AP	A	.75				.18	T	.02	.02	.01			T	.16	.10	.11	.01	.01	T	T	.06	T	.01	.03				.02	T	.01		
KAILIILI 436	A	17.92	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	17.92
KAILUA 446		V32.49	.04	.11	.04	.22	.13	x	x	1.63	.27	.07	.21	x	x	x	3.40	.53	.40	1.33	2.50	x	x	7.00	1.14	.31	.01	.02	x	x	1.02	18	
KAUAULA INTAKE 375	A	4.90	x	x	x	x	x	x	x	.85	x	x	x	x	x	x	.95	x	x	x	x	x	x	x	1.82	x	x	x	x	x	x	1.28	
KEAHUA 410		1.41				.03	.02	.03		.01				.05	.03	.55	.02	.03		.03	.10				.03				T	.48		
KEANAE 346	A	36.70	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	36.70
KEAWAKAPU BEACH 260.2		-												-	-	-	-	-											.65			
KIHEI 311		.22														.02													.20			
KIPAHULU 258		9.34	.12	.08		.48	.07	.21	.12	.20	.60	.54	.22	.76	1.08	.31		.30	74	1.60	.41	.47	.11	.22	.28	38	.04					
KULA HEIGHTS 323.2		x	x	x	x	x	x	x	x	x	x	x	x	x	.15	.16	.09	x	x	x	.15	x	x	05	02	x	x	x	x	46	.17	x	
KULA SANATORIUM 267		7.18				.12	.18	.01	T					.10	4.03	.02	.29	.05	.01		.01	07			.05	.20		01		.21	1.82	T	
LAHAINA 361		.04					.01								.01															.02		
LAUNIUPOKO INTAKE 376	A	5.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.00
LAUNIUPOKO VILLAGE 372	A	.29					.06								.03										.20							
LUPI UPPER 442	A	20.70	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	20.70
MAHINAHINA 466	A	3.73				.28	.22	.14		.13	.03				.46	.27		.20		.43	.21	.82	.08	.15	.13						.18		
NAKALELE FIELD 60 407	A	3.07	x	x	x	x	x	x	x	1.24	x	x	x	x	x	x	.98	x	x	x	x	x	x	.79	x	x	x	x	x	x	.66		
OLINDA 332	A	5.78			x	x	x	x	x	.85	x	x	x	x	x	x	1.93	.43	.02	.31	x	x	x	.92	x	1.43	.01	x	x	x	.70	.02	
OLOWALU 298		.17													.17																	
PAAKEA 350		20.12	.05	.17		.76	.10	.85	.63	.64	.89	.11	.26	.61	1.07	2.02	.38	1.20	.20	1.68	3.12	5.40	.88	1.62	4.95	1.07	.17	.11		.15	.27	.16	
PAIA 408		1.64				.15	.01	.05	.12	.09	.02			.17	.13	.16	.01	.16	.01	.17	.12		.07	.10	.06					.02	.02		
PANILEIHULU 259.2	A	12.00	x	x	x	x	.75	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	11.25
PAHAKEA BRIDGE 307.2	A	.45	x	x	x	.03	x	x	x	x	x	x	x	.05	.33	.04	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PBLIPBLI SPRINGS 267.2	A	6.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	6.00
PUOHOKAMOA 2 343	A	48.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	48.00
PUUMEME 396		.61				.11			.02					.15	.08	.15			.01					.01					.04	.04		
SPRECKELSVILLE 400.2		.78				.13	.01	.02	.08	.05	.01			.03	.13	.10		.04	T	.03	03		T	.04	.03					.03	.02		
TWIN GATES 261.3	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
UKULELE 333	A	8.05	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	8.05
UKUMEHAME 301	A	.48				.01									.43			.01														
ULUPALAKUA RANCH 250		4.18				.02											1.87							.05		.44	32	.04			1.45		
WAHIKULI 364	A	.44				.03	.01								.02	.02		.04		.01	.18	05			.04						.04		
WAIEHU CAMP 484	A	2.22				.48	.11	.06	.05	.01				.11	.32	.61	.01						.05								.40		
WAIHEE VALLEY 482	A	2.25				.40	.41	.05	.14	.02				.22	.03	.16				.01			.33								.48		
WAIKAMOI 448	A	28.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	28.10
WAIKAMOI DAM 336	A	23.36			x	x	x	x	x	x	1.05	.05	x	x	x	x	.34	2.20	.98	3.40	x	x	x	10.90	x	2.12	1.00	x	x	x	1.28	.03	
WAIKAPU 390	A	1.50				.30	.04	.02		.01				.23	.74	.14	.02															
WAILUKU 365	A	1.60				.50	.02	x	x	.07				x	x	x	.95	T		.01		x	x	.04			.04		x	.03		
WAIOPAI RANCH 256	A	1.51		x	x	x	x	x	x	x	x	x	x	x	x	x	x				1.30	x	x	.21								
* * * ISLAND OF HAWAII																																
AHUA UMI 75	A	4.80	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.80
AWINI 182.1	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
CITY OF REFUGE 27.4		1.83	.06	.01									.12	.10	.53			.20	.70		T			.02			T			.05	.04	
EAST HONOKAME 183.2	A	.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
HAINA 214		11.32							.04	1.26	.12						.06	3.24	.21	1.10	.13	.22	.14	.18	3.76	.03		.01		.82			
HAKALAU 142		18.66					.12	.41	.47	1.38	.58	.18	.24	.02	.14	.17	.50	.94	.34	1.07	2.85	3.22	1.02	.76	3.41	.36	.05	.06		.02		.34	
HALEMAUMAU 52	A	10.10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.35	x	x	x	x	x	x	x	x	x	x	x	x	x	x	7.75
HALEPIULA 117	A	8.74	4.18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	4.55
HALEPOHAKU 111	A	4.40									.25				.23	.33	.03	1.97	T	.35	.75	.20	.15	.06	.11	T		T			.06	T	
HAWAII VOLCNS NP HQ 54		19.72	.03	.02		T	.05	.35	.42	.55	1.10	.68	.19	.24	.70	T	.25	3.55	1.28	1.54	1.47	1.76	3.11	.87	.42		.25			.14	.75	
HAWI 188	A	4.86						x	x	.73	.30		.01	x	x	x	.87	.20	.38	.42	x	x	.44	.62	.06			x	x	.53	.06	
HILO COUNTRY CLUB 86.6		37.89		T				.48	.63	1.62	1.28	.27	.67	.24	1.71	T	.16	2.98	1.52	2.90	5.53	6.33	3.14	2.98	4.28	.03			T		1.14	
HILO WSB 87 AP	A	19.11		T			.43	.13	.73	2.11	.27	.31	.38	.25		.20	.96	.39	.74	3.41	4.15	.68	.42	2.58	.16	.03			.04		.23	.41	
HOLUALOA 70	A	10.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.00
HOLUALOA BEACH 68	A	4.41	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.18	1.33	x	x	x	x	x	x	.20	x	x	x	x	.70
HOMAUMAU 27		V11.50	.35				.03	x	x	.02		.07	.08	.23		x	1.54	.33	.09	.71					.36			.22		x	1.39	
HONOMINA 137		18.32					.02	.78	.25	1.97	.79	.12	.58	.10	.22	.19	.50	.57	.31	1.18	1.95	3.42	1.01	1.40	2.69	.03	.01			.16		.16	
HONOKAME 181.1	A	10.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10.00	x	x	x	x	x	x	x	
HONOMU MAUKA 138		28.74				.46	.04	.51	.46	2.02	1.48	.09	.36	.09	.17	.09	.49	1.71	1.12	3.16	5.41	3.80	1.90	1.51	3.94	.02		.06		.17	.01	.14
HONUAULA 71	A	6.00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	6.00
HUALALAI 72	A	3.03	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.03	x
HUEHUE 92.1	A	6.62	x	x	.70	x	x	x	x	x	x	x	x	1.13	.50	.22	x	x	.36	.09	.87	.42	.14	x	2.09	x	x	x	x	x	.10	x
KAALA IKI 12	A	4.04							.02	T	.05		.08	.10	.29	.05	.08	.47	.18	T	.07	.07	.80	x	x	x	x	.97	.48	.32	x	x
KAHUALOA 29	A	3.44	.09		.07		x	x	x	.03			.10	x	x	x	1.23	.23	.15	1.21		x	x	.13		.09				x	.11	
KAINALIU 73.2		6.47	.16	.01	.12	.02		.19	.02	.03	.01	.01	.03	T	.41	.08	.05	.09	.10	3.54	T	1.15	T			.19		.12	T	.09	.05	T
KALAPANA NO 1 67.8		13.94		.10			.06	.07	.23	.24	.55	.13	.46	.84	.19	T	.22	1.21	.42	.11	1.70	3.65	1.10	.41	.88					.20	.15	1.02
KAPAPA NO 2 5	A	3.07	x	x	x	x	x	x	.07	x	x	x	x	x	x	.35	x	x	x	x	x	x	1.46	x	x	x	x	x	x	1.20		
KAPUELA 192.2		3.10							.08	.06	.02				1.10		.04	.64	.50	.04	.04	.14	.07	.20	.03					.12		
KAPAPALA RANCH 36	A	4.28	x	x	x	x	x	x	x	x	x	x	x	x	x	1.50	x	x	x	x	x	x	2.16	x	x	x	x	x	x	.62		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
APRIL 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
*APOHO RANCHING 23.5	A	18.44	.56	*	*	*	*	*	*	2.50	*	*	*	*	*	*	2.85	*	*	*	*	*	*	8.60	*	*	*	*	*	*	1.93	*	
*KALAIN I LOWER 193	A	15.12	*	*	*	*	.69	*	*	*	*	*	*	1.35	*	*	*	*	*	*	9.28	*	*	*	*	*	*	3.80	*	*	*	*	
*EARL W2		20.18					.13	.33	.48	1.21	.51	.22	.41	.33	.41	.11	.25	.83	.33	.48	3.53	4.72	.51	.96	2.80	.67		.01	.01	.36		.48
*EH.,BEEKA 26.2		*	.42	*	*	*	*	*	*	.11	*	*	*	*	*	*	1.30	*	*	*	*	*	*	1.52	*	*	*	*	*	*	.30	*	
*EHEMA 181.2	A	.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KIOLAKAA A & F 8	A	.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75	*	
KIPA 89.2	A	36.52		.01			.01	.74	.48	1.74	1.64	.31	.51	.47	.41	.02	.11	2.63	1.22	3.23	6.22	5.87	3.02	3.18	3.70	.09				.01		.90
*KWALM MAL.III 176	A	6.80						*	*	.74	.45		.14	*	*	*	.29	.62	.65	1.41	.55	*	*	.82	.63	.02			*	*	.42	.06
*KWAKA MISSION 176.1		6.21				T		.01	.15	.69	.31		.04		.13	.24	.09	.70	.33	.76	.42	.21	.13	.51	.68	.09				.65	T	.07
*KIAKE OWER 196	A	9.41	*	*	*	*	.46	*	*	*	*	*	*	.68	*	*	*	*	*	*	5.98	*	*	*	*	*	*	2.28	*	*	*	*
KONA KAILUA 68.3	A	4.14	.04									.04			*	*	1.81	.02	1.41	.52		*	*	.11					*	*	.19	
KONA VILLAGE 93.8		.33	.01									.14				.15			.03													
KUKAIAU 222		16.12						.05	.38	1.18	.38			.04	.27		.03	3.07	1.31	1.09	1.36	1.58	1.25	.46	3.12				.55			
*KULIHALE MIC 199		2.80				.62			.08	.38	.11				.42	.21	.08	2.05	.52	.62	.42	.11	.10	.24	1.28	.16		.02	.04	.34			
*KUPUHALE MIL 206	A	6.78				.04		*	*	.80	.22			*	*	*	.34	1.37	.18	.63	.18	*	*	.77	1.52	.14		.01	*	*	.58		
KULANI CAMP 79		20.42						.24	.14	.84	1.80	.52	.27	.46	.80	.05	.02	2.75	2.00	2.00	2.00	2.46	1.65	.90	.70	.09	.14	.03		.26	.01	.28	
*KULANI MAUKA 76	A	6.55						.10	.20	.40	.05			.25		.05	1.05	1.95	.50	.15	.60	.55	.10	.35	.25							
*KULANI SCHOOL SITE 78	A	17.99	*	*	*	*	*	*	*	*	*	*	*	*	3.49	*	*	*	*	*	*	10.70	*	*	*	*	*	*	3.80	*	*	*	
LANIHAU 68.2		11.62		.08	.30	.17	.03	.44	.16	.14	.05		.10	.09	.55	.15	.61	.06	2.04	1.54	.03	.21	.06	.25	1.64	.60				.95	1.32	.03	
MAKAHALAU 103		1.83															.35	.45	.35		.28			.40								
MANUKA 2	A	4.40											05	T	*	*	1.20	T	.40	T		*	*	.85	1.10	T	.20	.10	*	*	.50	T	
MAUNA KEA 085.111.2		.86												T	T	T	T	.02	T		.28	.20	.30	.06	T							
MAUNA LOA SLOPE 085		2.27												.06	.42	.34	.14	.18	.01	.25	.02	.04	.28	.33	.17							
MIDDLE HOLUA 68.1	A	5.91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.85	1.40	*	*	*	*	*	*	*	*	*	*	*	.43	
MIDDLE PEN 147.1	A	.30	*	*	*	*	*	*	*	*	*	*	*	*	.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MOAULA 18	A	1.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.30	
MOUNTAIN VIEW 91		36.32		.01			.01	.35	.53	1.31	.06	.45	.52	.71	.88	.24	.55	4.16	.87	4.28	3.26	7.87	.82	1.66	4.60	.26				.30		1.72	
MAALEHU 14	A	2.68							.02	T	.09		.02		.46		.10	.18	.01		.07	.16	.32	T		.93	.02	.03	.11	.16			
NAPOOPOO 28	A	4.07	.22	*	*	*	*	*	*	*	*	*	*	*	*	*	1.38	*	*	*	*	*	*	1.87	*	*	*	*	*	*	.59		
NIULII 179	A	5.07						*	*	.52	.33			*	*	*	.40	.63	.29	.77	.54	*	*	.56	.67	.09		.02	*	*	.25		
OOKALA 223		15.92						.12	.55	1.17	1.18	.01		.02			.09	2.00	.37	1.11	1.77	2.61	.77	.65	3.37	.02				.10	T	T	
OPIHIHALE 2 24.1		4.30	T	T		.12	T			.01	.27	.09	T	.03	T	.55	.39	.11	1.10	.02	.06	T	T	.06	.03	T	.22	.01	.03	1.20	T	T	
ORCHID LAND EST 91.5	A	27.32	4.69	*	*	*	*	*	*	2.20	*	*	*	*	*	*	3.10	*	*	*	*	*	*	13.00	*	*	*	*	*	*	4.33	*	
PAAUHAU 217		v10.99						*	*	.90	.56			*	*	*	.05	2.47	.36	.51	.69	*	*	.80	4.00	.05			*	*	.60		
PAALILO 221		v13.46						.02	.43	.72	.60				.13		.01	2.56	1.14	1.09	.93	1.15	1.00	.50	2.92	.01		.01		.24	T		
PAHALA 21	A	2.21							.04		.06		.01	.22	.41	.08	.09	.32	.17	T		.09	.62			.03	.01			.06			
PAHOA 65		24.38		.02	.06		.23	.44	.66	1.65	.30	.38	.83	.48	.60	.16	.37	.79	.64	.79	2.05	6.21	.65	1.31	3.14	1.26		.07		.48		.80	
PAKAO 37	A	6.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.60	
PAPAIKOU 144.1		21.50					.02	.64	.53	1.95	1.25	.08	.17	.12	.42	.10	.36	.72	1.17	.74	4.28	3.26	.76	1.31	3.01	.09				.04		.48	
PAPAIKOU MAUKA 140.1		33.35					.01	1.21	.70	2.47	1.81	.26	.54	.42	.19	.04	.36	1.87	1.39	1.42	6.77	4.24	2.45	3.05	3.65	.01				.02		.47	
PITHONUA 89	A	43.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	43.40	
POHAKULOA 107	A	.93							*	*	*	*	*	*	*	.35	*	*	*	*	*	.40	*	*	*	*	*	.18					
PUAKO 95.1	A	.04				02					T	T			T		T	.02			T	T								T	T	
PUU KIME 120	A	12.26	5.43	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.83	
PUU LAAU 102.1	A	2.63	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.63	
PUU LEHUA 73	A	3.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.80	
PUU MALI 113	A	4.16	3.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.16	
PUU OO 82	A	.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUU WAWAA 84.1	A	2.80				03					.11	.11					.55			.10	.18			.02	1.15	.25			*	*	.30		
SADDLE ROAD 1.84	A	47.65						*	*	2.30	*	*	*	*	*	*	5.70	*	*	*	18.40	*	*	*	*	*	*	21.25					
SOUTH POINT CORRAL 3	A	1.75	*	*	*	*	*	*	.08	*	*	*	*	*	*	.55	*	*	*	*	*	*	.18	*	*	*	*	*	*	.94			
UMIKOA 118		v12.00						*	07	.08	.04			.05	*	*	.13	2.74	3.18	1.72	.16	*	*	2.17	1.02	.06	.01	.03	*	*	.54		
UPOLU POINT USCG 159.2			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAIAKEA USCG 88.2		33.67					T	.74	.66	1.82	.84	.52	.66	.28	1.43	.03	.46	2.31	.88	3.16	5.15	5.20	2.27	2.15	3.96					.20	.23	.72	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																															
* * * EAST OF 180TH MERIDIAN																															
CANTON ISLAND	2.73		.01	.09	.13		.02	T		.17	.02	.02				.02	.01	.15	.86	.02	T		.16	.01		1.04					
FAGA ALU RESERVOIR	17.94	1.25	1.70			.10			.20	.15	.60				.20		.20	.50	.80	.90	1.40	.50	2.75	.10		.50	.60	.80		.90	3.70
JOHNSTON WSO AP R	7.25	.01	.03	T			T	.11	.04	5.46	1.05	T	T	T	.03	.02		.08	.01	.01	T	.27		T	T	.06			T		.07
LEONE	14.23	1.17	.31	.01	.57	.03	.01	.02	.05	.03		.63		.15	.50	06	.59	.65	.12	2.00	1.00	.40	.02				.28		1.35	.68	3.60
FRENCH FRIGATE SHOALS	.00																														
LUMA VILLAGE	14.89	1.31	.06		.07	.03		.25	.04	.08			T	.10	.23	.60	.39		*	.43	.92		.25	T			3.64	3.06	.67	1.04	1.72
MIDWAY SAND ISLAND	1.28		T	T			.12	T	.02				T	T		04	12	.10	.01		.01	T	.20				T			.46	.20
PAGO PAGO WSO AP R	8.80	.31	.09		.07		.08	.11	.02			.08	09	.15			06	1.58	.19	1.33	.03	09	1.01			.17	.30	.37	.38	.84	1.44
SWAINS ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	14.55	.04	.03	.03		T		.28		.03	.34	.10	.28	.24	.05	T		T	T		.20	T	.04	.01	.36	1.64	2.04	5.42	3.11	.29	
CLARK AFB LUZON	7.65																.82			T	.14	.18	.34	.32		2.78	3.00		.07		
GUAM NAS	10.41	.14	.12	.07	T	.19	T	.14	T	.08	.24		.35	.09	.02		T	.01	T		.10	.15	.39	.02	.29	1.04	.99	2.42	3.29	.27	
GUAM WSO R	14.83	.42	.06			.15		.52		.03	.28	.07	.28	.16	.07			.04		.02	T	.04	.28	.02	.43	1.41	1.88	4.56	3.95	.16	
MANGILAO	10.38	.02	.12	.47			.02	.06	.21	T	.05		.47	.23	.08					.02	.14	.51	.28	.01	.36	.02	1.66	2.45	2.56	.58	.04
ROTA	19.68	T	.06	.28	T	.16	.50	2.50	.40	.35	.80	.10	.86	.40	T	T	.05	.25	T	T	.86	T	T		T	1.00	1.20	1.35	4.51	3.60	T
SAIPAN? USCG LORAN	7.83	.05		.02	.07	.01		.05	.05	.63	.62	.61	.04	10	.18	.20	.20	.01	.03	.02		.10	.03		.03	.01	.06	.77	.40	3.54	.01
WAKE WSO AP R	1.93	.05	.12	.04		T	.02		.07	.12	.04	T	T		.07	.74	.13	.15	.07		.01	.05	.08	.06	.01				.08	.02	
* * * CAROLINE AND MARSHALL ISLANDS																															
ANGUAR	10.92	.21	.83	.04		.03		.08	1.39		.07	.20		.24	1.00		3.88		.03	.14	2.20	.18			.28			.12			
ENIWETOK	12.13	.25	.04	.06	.03	.03	.97	1.14						2.24	1.18	1.30	.39	.83		.01	.54				.60	1.84	.48	.05			.05
FALALOP I. ULITHI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAPINGAMARANGI ATOLL	9.95	.74	.12		.90		.05		.18	1.47	.78	1.71		.21	.27		.09				.04	.17			1.54	.63	.14			.49	.42
KOROR WSO R	10.86	.46	.08	.13	.15	.79	.51	.25	.71	.04	.17	.67	.15	.16	.74	.18	.32	.06	.10	1.21	1.51	.55	T	.01			.64	.80	.01		.46
KWAJALEIN WSO AP R	18.98	T	.36		.17	.63	1.10	.35	.41	.07		1.69	.89	T	.17	1.27	1.04	.08	.20	.43	.16	.06	.40	.21	2.06	.60	2.84	.01	.22	3.51	.05
LELE I. KUSAIE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAJURO WSO AP R	15.67	.56		.03	.22	.96	.03	.04	1.42	T	.27	.39	.46	.08	.97	.24	3.18	.35	1.03		.35	.05	.20	1.06	.62			.01	.28	2.21	.65
METALANIM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKIL ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG, BABELTHUAP	12.47	.02	.55	.27	.05	.01	.32	.09	.49	.69	.27	.01	*	*	*	*	.47	.32	.28	.77	.67	2.40	3.95	.46	.02	.14		.22			
POMAPE WSO R	22.24	.36	1.00	.29	.20	.60	.79	.31	.46	1.49	4.30	.16	1.16	1.18	.57	2.06	.24	.02	.14	.47	.76	.37	.64	.65	.11	.15	.96	.07	.45	.27	2.00
SATAWAN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP R	11.59	.01	.31	.66	T	.42	.13	.75	.04	1.77	T	1.32	1.74	.12	.04	.24	T			.06	T	.21	.85	.36	.71	.89	T	.66	.08		.22
WOLEAI ATOLL	-	.22	1.18	-	.05			.30	.24	1.84	-		-	-	.79	.67	.05		1.15	1.15	.51	.29		.16	.62			.40			
YAP WSO AP R	10.07	.43	.40	.90	.12	.13	.29	T	.09	.12	.02	.54	.44	.38	.39	.84	.17	.45	.20	.23	2.77	.83	.13	.04	.10	.01		.04			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
ISLAND OF KAUAI	O																														
KANALOHULUHULU 1075	MAX	73	68	69	61	69	65	65	71	67	70	63	63	64	66	70	68	65	66	65	63	67	65	67	69	69	67	69	68	74	72		67.3
	MIN	50	50	45	50	57	55	57	55	56	54	54	56	56	55	54	55	54	55	54	55	57	54	48	52	42	46	44	45	49	51		52.2
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	82	82	82	81	78	79	80	82	81	81	81	80	81	83	82	81	80	80	76	80	79	80	81	81	81	81	81	80	82	83		80.7
	MIN	74	73	69	72	70	71	71	72	73	74	70	71	71	72	74	73	71	72	69	71	72	70	72	72	66	71	65	67	69	75		71.1
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	84	85	84	87	86	86	86	86	86	83	83	83	82	85	87	85	87	82	82	83	82	81	80	86	85	85	85	85	86	86		84.4
	MIN	63	64	65	65	66	67	66	63	66	63	66	64	65	62	67	64	61	64	66	66	65	62	62	61	62	62	65	62	60	66		64.0
NIU RIDGE 1035	MAX																																
	MIN																																
WAIAHI LOWER 1054	MAX	82	81	81	80	77	76	75	79	77	78	78	80	79	78	77	78	78	75	75	76	76	76	77	78	80	82	80	84	82	83		78.6
	MIN	64	63	60	65	65	64	65	64	66	63	64	63	63	64	64	64	64	65	63	64	64	62	59	60	59	60	59	55	58	67		62.7
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX	84	85	85	83	81	81	83	83	83	83	83	82	82	80	81	82	83	83	82	78	80	81	82	84	83	82	82	82	81	84		82.3
	MIN	73	73	71	70	69	70	71	72	72	72	72	67	70	71	70	70	69	70	68	67	68	68	70	69	64	72	68	72	63	74		69.8
EWA PLANTATION 741	MAX	85	86	85	85	83			83	84	84	85				85	85	83	83	81			82	81	83	83	84			84	85		83.8
	MIN	65	67	64	65	69			66	70	65	66				67	68	68	69	68			67	65	65	61	62			59	66		65.9
HONOLULU WSO 703 AP	MAX	87	85	87	84	82	83	84	84	86	85	84	86	84	85	85	84	84	82	76	83	82	83	83	84	85	85	84	85	87	87		84.2
	MIN	74	71	67	73	71	72	72	74	74	72	68	70	71	73	73	71	73	74	67	72	72	71	69	70	64	67	63	66	68	75		70.6
HONOLULU SUBSTA 704	MAX	81	80	82	79	79	79	80	81	82	80	80	80	79	80	80	78	79	77	78	80	78	80	80	79	80	81	80	80	81	82		79.8
	MIN	73	74	72	72	70	70	70	70	72	70	70	68	68	69	69	70	69	69	67	69	68	68	69	68	67	69	66	69	71	73		69.6
KANEOHE MAUKA 781	MAX	81	82	82	83	78	78	79	80	80	81	80	80	79	78	81	81	82	79	76	73	79	78	79	80	81	82	81	80	82	81		79.9
	MIN	72	72	69	70	70	71	71	72	73	73	71	68	69	69	70	71	72	72	70	71	70	69	69	68	67	68	66	67	70	72		70.1
LUALUALEI 804	MAX	84	82	82		75		83	84	84	80	84	80	84	84	86	83	84	81	75	81	82	80	82	82	82	81	82	83	80	82		81.9
	MIN	71	68	62	68	60		74	74	72	66	66	70	71	70	71	70	70	73	66	70	70	70	69	68	62	65	58	65	65	68		68.0
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX																																
	MIN																																
PRI WAHIAWA 820.2	MAX	85	84	84	84	80			81	80	82	83				86	81	81	81	79			80	81	83	81	84			83	85		82.3
	MIN	64	65	61	64	65			65	68	66	64				64	66	66	66	65			63	63	63	59	61			57	64		63.8
WAIALEE 896.3	MAX	82	83	83	82	80	79	78	81	82	79	81	81	80	80	80	80	80	81	77	72	79	79	80	80	81	81	80	81	81	82		80.2
	MIN	69	70	69	71	68	67	66	68	71	72	68	69	69	69	70	69	71	70	69	68	68	68	69	68	66	70	64	69	68	73		68.9
WAIALUA 847	MAX	83	85	84	83	81	80	79	81	81	83	83	82	80	80	82	83	82	82	78	70	79	78	81	82	83	84	82	79	79	86		81.2
	MIN	62	62	60	66	67	67	66	63	66	63	65	65	66	64	65	64	60	65	64	64	65	68	61	61	59	60	59	67	60	65		63.6
WAIKIKI 717.2	MAX	85	85	85	86	85	85	84	84	85	87	87	86	84	84	85	85	83	83	83	80	83	82	83	85	84	86	84	84	87	87		84.5
	MIN	70	69	64	66	68	69	68	69	71	69	67	66	66	69	70	68	69	69	68	66	68	67	68	64	64	61	59	60	63	70		66.8
WAIMANALO EXP FARM	MAX	83	83	82	83	81	78	80	80	80	81	81	81	80	79	80	80	80	80	78	75	80	77	79	80	80	80	81	81	83	81		80.2
	MIN	72	72	69	70	69	69	69	70	72	72	72	67	69	69	72	69	70	71	72	67	69	69	69	71	67	69	64	67	68	72		69.6
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	88	90	85	83	81	81	82	82	83	84	82	82	81	96	84	89	81	82	80	78	83	81	82	83	82	83	82	80	82	87		83.3
	MIN	68	66	66	69	66	68	68	70	70	67	63	68	68	68	69	67	69	69	70	67	68	67	68	67	65	67	68	67	64	70		67.6
ISLAND OF LANAI																															
LANAI CITY 672	MAX	79	77	79	79	74	72	74	80	78	73	81	71	69	73	72	73		76	70	75	72	73	73		73	74	72	78	76	78		74.8
	MIN	58	59	60	61	64	63	63	62	61	61	61	62	62	62	64	60	62	61	64	63	62	61	62	63	62	61	62	60	62	64		61.7
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	70	68	63	66	63	63	60	56	60	63	62	55	59	55	60	61	60	58	58	50	58	55	53	58	59	61	63	64	62	64		60.2
	MIN	46	44	40	48	40	42	44	41	49	43	41	47	44	44	48	44	44	40	48	46	45	41	40	38	39	39	39	39	43	48		43.1
HALEAKALA SUMMIT 338.4	MAX	58	58	59	60	50	53	48	53	46	49	55	55	48	46	49	50	52	46	44			46	42	43	49	54	55		57	50		50.9
	MIN	41	48	44	41	35	34	34	34	34	36	37	32	37	38	39	33	34	34	33			31	33	32	33	40	38	36	34	33		36.0
HANA AIRPORT 355	MAX	82	84	84		83	84	83	79	80	82	82		84	88	83	82	85	82	82	79		83	79	82	82	84	83	82	82	84		82.6
	MIN	70	69	69		67	67	69	70	69	71	69		67	68	68	71	70	69	69	70		68	65	61	64	64	63	64	68	73		67.9
KAAMAPALI AIRPORT	MAX	83	83	82	83	82	83	84	83	82	83	82	83	81	83	83	83	81	83	80	83		82	82	83	82	82	82	80	81	85		82.4
	MIN	66	68	65	69	69	69	70	71	68	67	66	67	67	66	68	70	70	70	69	69		69	65	65	63	68	64	68	64	72		67.7
KAHULUI WSO 398 AP	MAX	86	88	85	85	85	86	85	85	87	85	85	83	83	85	85	84	85	84	82	85	85	84	85	84	85	84	81	83	88	86		84.8
	MIN	60	63	62	70	72	71	71	71	65	62	63	68	70	69	65	71	71	71	68	73	71	70	69	67	64	67	61	67	63	72		67.6
KAILUA 446	MAX	79	78	78	77	77			76	76	75	75				77	79	76	75	74			75	70	75	76	77			76	77		76.1
	MIN	64	66	66	66	67			64	69	67	66				64	66	65	65	64			64	64	62	63	63			63	67		65.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX	87	86	87	86	86	88	86	89	89	86	86						90	90	87	83	90	91	88	87	85	84	84	84	84	84		86.7
	MIN	63	63	61	65	65	66	63	62	65	61	64						62	65	69	65	63	62	61	61	59	59	62	66	62	67		63.2
KULA SANATORIUM 267	MAX	75	73	72	74	74	73	73	72	73	75	74	72	75	70	70	72	72	74	73	70	73	72	71	72	71	70	68	70	68	70		72.0
	MIN	56	57	56	56	57	58	57	57	58	57	58	58	57	57	57	57	56	57	59	58	59	57	57	55	54	54	55	56	56	57		56.8
LAHAINA 361	MAX	86	85	85	86	86	85	87	86	85	85	85	85	85	86	87	86	86	85	84	82	86	86	85	85	85	87	84	85	86	89		85.5
	MIN	66	68	66	68	69	68	66	66	68	65	67	68	67	67	67	67	66	69	69	68	66	67	66	66	65	65	63	65	66	69		66.8
WAILUKU 386	MAX	84	85	82	83	80			81	79	83	82				83	80	81	80	79			82	80	80	79	80			80	84		81.3
	MIN	69	69	69	68	68			69	70	66	65				68	70	69	70	70			68	69	68	68	68			68	68		68.4
x x x																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	80	82	82	81	82	82	80	81	78	82	80	81	80	81	81	80	72	79	75	79	78	78	72	80	79	80	81	81	81	80		79.6
	MIN	67	64	64	65	65	64	63	65	69	66	65	65	65	67	66	67	67	66	68	67	66	66	65	62	63	64	65	66	64	69		65.5
HAWAII VOLCNS NP HQ 54	MAX	70	72	71	72	71	65	69	64	65	68	68	65	65	66	69	66	61	61	67	69	61	62	62	66	69	69	70		71	68		67.0
	MIN	50	53	52	55	54	54	54	53	52	50	55	54	53	53	54	55	52	55	55	55	53	52	52	51	50	50	50		52	59		53.0
HILO WSO 87 AP	MAX	88	87	87	86	83	84	80	78	82	81	80	82	80	81	81	80	79	78	81	79	80	74	80	80	81	81	81	83	83	82		81.4
	MIN	62	65	64	66	65	67	67	66	64	62	67	68	67	65	67	69	67	68	68	66	68	66	65	63	62	64	62	66	66	66		65.6
KAINALIU 73.2	MAX	76	75	76	74	77	75	76	74	76	77	77	77	75	78	77	76	76	73	76	80	77	77	78	78	77	77	77	77	77	77		76.4
	MIN	64	63	61	61	61	63	63	64	63	62	63	62	60	61	63	63	62	61	64	62	63	63	62	59	60	58	60	62	60	63		61.9
KAMUELA 192.2	MAX	73	76	75	76	73	73	72	70	73	75	72	78	75	73	73	72	73	70	73	72	72	70	72	71	73	71	73	73	72	75		73.0
	MIN	53	50	53	58	57	55	57	58	54	50	54	55	58	54	56	55	57	55	58	57	57	55	57	57	55	57	55	57	50	53		55.2
KEAAU 92	MAX	81	83	82	83	83	81	80	78	77	80	80	77	80	80	80	80	79	78	72	74	78	78	73	79	79	79	80	82	81	81		79.3
	MIN	60	61	61	64	64	60	61	59	63	60	61	60	64	64	65	61	64	64	67	60	64	64	64	62	62	62	62	64	64	65		62.5
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	79	82	82	80	80	79	79	76	75	80	79	81	80	78	79	79	76	77	74	78	77	77	72	79	79	80	79	80	79	80		78.5
	MIN	67	65	63	67	69	67	66	66	67	64	67	66	64	66	66	66	65	66	67	67	66	66	65	63	64	65	65	65	63	67		65.7
KONA (KAILUA) 68.3	MAX	82	83	82	81	82			82	82	84	82	84			84	82	82	83	82			84	83	83	82	84			82	81		82.5
	MIN	69	72	70	70	71			70	71	71	71	72			67	70	69	69	70			69	69	66	67	67			66	69		69.3
KULANI CAMP 79	MAX	59	66	66	67	60	66	65	64	63	62	61	61	60	60	62	65	60	60	63	64	65	60	58	60	63	62	61	64	64	61		62.4
	MIN	39	46	42	46	50	49	44	49	45	43	42	49	49	45	48	52	47	50	52	51	50	49	45	44	42	44	42	47	43	47		46.4
MAUNA LOA SLOPE OBS	MAX																																
	MIN																																
MOUNTAIN VIEW 91	MAX	80	81	81	81	82	77	77	77	68	75	76	76	76	76	76	76	68	73	68	76	76	76	67	74	73	78	74	77	77	73		75.5
	MIN	58	59	58	59	60	61	61	61	58	59	59	59	58	58	58	59	59	60	62	61	61	61	60	59	59	61	61	58	58	58		59.4
NAALEHU 14	MAX	79	79	79	79	80			80	75			79			78	76	78	78	78			79	79	78	78	79			80	79		
	MIN	65	69	66	68	69			67	67			66			66	62	66	69	67			66	64	62	61	61			60	69		
OOKALA 223	MAX	80	89	80	80	82	81	80	80	75	81	81	76	80	82	75	80	76	78	74	80	77	70	86	80	79	81	82	80	80	81		79.5
	MIN	69	69	70	68	69	70	68	65	65	69	68	66	66	67	62	66	65	65	67	66	65	60	62	65	63	63	64	65	68	70		66.2
OPIHIHALE 2 24.1	MAX	78	75	77	75	72	75	77	77	78	74	73	74	75	76	75	74	78	74	76	74	79	75	78	79	79	74	73	72	79	81		75.9
	MIN	67	66	64	64	61	61	62	64	66	60	60	60	59	60	61	64	59	59	61	61	61	62	61	60	58	57	57	60	60	61		61.2
PAHALA 21	MAX	80	81	79	81	80	80	79	80	76	79	79	77	79	79	79	78	74	80	78		80	78	80	79	80	80			79	81		79.1
	MIN	63	64	60	63	61	65	65	67	64	65	65	64	62	60	62	64	60	57	61		62	62	60	59	59	59			57	62		61.9
PUAKO 95.1	MAX	82	85	83	81	83	85	83	84	81	83	84	84	84	87	84	87	87	85	83	83	85	86	85	84	85	85	85	86	84	84		84.2
	MIN	65	67	65	66	70	69	73	70	68	66	68	70	68	71	70	72	72	72	73	72	73	73	72	66	65	71	65	70	66	68		69.2
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
* * *																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	92	91	91	85	92	90	91	90	89	91	93	93	88	89	91	92	91	86	89	88	91	89	90	88	88	86	91	88	91	91		90.2
	MIN	80	77	76	75	75	77	78	78	76	77	76	77	77	77	78	78	76	75	76	77	78	77	76	77	77	77	76	78	78	78		77.0
JOHNSTON WSO AP	MAX	82	82	82	82	81	82	80	81	81	80	80	80	82	80	81	81	81	80	81	81	80	81	83	81	82	82	82	82	83	82		81.3
	MIN	76	72	77	77	77	77	73	72	68	68	75	74	74	74	77	76	75	75	75	76	74	74	76	75	75	75	75	76	76	73		74.6
KEOME	MAX	88	89	89	89	91	90	90	90	90	91	90	89	88	88	89	88	88	90	85	91	86	92	88	88	86	86	86	88	88	84		88.5
	MIN	86	85	87	81	81	81	83	78	77	75	84	84	84	82	82	83	84	84	70	74	79	78	83	80	80	80	81	81	79	79		80.8
FRENCH FRIGATE SHOALS	MAX	87	83	84	78	79	81	81	78	79	80	85				80	83	84	83	78	81	82	82	82	83	86	81	81	77	80	79		81.4
	MIN	76	72	70	70	73	71	71	73	75	75	75				71	73	67	71	75	73	72	74	71	71	68	66	74	70	74	73		72.0
MIDWAY SAND ISLAND	MAX	65	67	68	68	71	71	73	74	76	70	66	68	70	71	70	70	72	73	73	72	74	72	68	70	71	68	69	71	76	75		70.7
	MIN	57	58	59	62	62	63	66	65	63	61	60	60	63	63	62	62	63	63	66	65	65	63	61	60	63	59	58	61	65	66		62.1
PAGO PAGO WSO AP	MAX	85	87	86	85	86	86	87	87	87	87	86	86	87	86	88	89	85	81	82	85	85	85	86	87	85	83	84	85	86	79		85.4
	MIN	72	72	71	72	72	73	74	76	80	80	78	80	75	72	78	74	69	72	72	73	75	74	72	72	75	77	71	70	71	72		73.8
SWAINS ISLAND	MAX																																
	MIN																																
* * *																																
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	85	88	85	85	84	85	85	85	83	83	86	84	85	85	85	85	84	85	86	85	86	86	86	85	86	79	80	80	87	86		84.6
	MIN	78	78	78	79	78	77	76	78	75	77	78	75	78	75	77	78	78	77	78	77	78	78	78	76	75	74	76	76	78	75		77.0
CLARK AFB LUZON	MAX	91	93	90	90	93	91	90	91	91	91	91	88	91	91	93	91	90	93	97	93	93	90	91	91	91	90	91	88	91	90		91.2
	MIN	72	73	73	73	75	73	70	70	72	75	70	72	72	72	72	73	72	73	73	77	73	73	73	75	73	75	75	75	75	75		73.1
GUAM NAS	MAX	85	86	88	87	86	86	86	86	85	84	86	83	85	86	86	86	85	85	85	86	86	86	86	86	86	81	82	82	86	84		85.2
	MIN	79	77	77	78	77	78	76	77	78	77	78	76	78	76	77	77	78	77	79	79	79	80	81	79	77	78	78	77	79	77		77.8
GUAM WSO	MAX	85	85	85	85	86	85	85	83	84	84	85	85	85	85	85	85	83	86	85	85	86	86	86	85	85	79	82	79	85	84		84.4
	MIN	74	75	75	75	70	75	72	75	75	72	75	72	74	73	75	74	74	73	75	75	74	75	75	74	72	72	73	73	76	69		73.7
SAIPAN? USCG LORAN	MAX	85	86	86	86	87	87	87	85	87	87	86	88	87	87	85	87	87	85	85	87	89	88	88	88	89		88	84	84	88		86.7
	MIN	77	77	75	74	73	76	69	64	78	74	74	78	75	75	75	69	76	78	76	77	76	76	76	79	77	76	74	78	76	77		75.2
WAKE WSO AP	MAX	82	81	80	84	81	84	85	85	83	83	83	82	84	84	77	80	82	83	83	84	84	83	83	84	82	83	82	83	83	84		82.7
	MIN	70	70	70	71	70	69	72	69	70	71	72	73	73	73	68	68	71	70	73	73	72	72	72	71	73	73	73	71	72	73		71.3
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	86	87	88	87	88	85	86	83	87	87	87	84	84	87	87	82	88	87	89	89	87	88	88	87	83	84	86	86	87	87		86.4
	MIN	76	63	78	72	76	73	73	72	77	79	80	75	76	74	73	73	74	74	79	75	71	80	82	76	75	75	76	71	81	76		75.2
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	90	86	89	85	86	87	87	90	89	84	85	86	87	87	87	88	88	88	87	89	87	87	87	85	84	86	86	86	86	85		86.8
	MIN		75	77	74	74	75	75	70	70	74	75	75	78	74	75	75	76	75	73	75	79	77	75	74	74	75	75	74	75	72		74.7
KOROR WSO	MAX	89	89	86	88	89	88	88	83	88	89	88	90	89	81	89	87	88	89	89	81	79	86	87	89	89	90	89	90	89	89		87.5
	MIN	76	75	74	77	77	77	76	76	75	75	76	76	76	75	76	75	75	77	72	71	74	75	78	77	76	76	76	76	79	77		75.7
KWAJALEIN WSO AP	MAX	88	88	87	85	84	85	82	84	87	87	83	84	86	86	84	84	85	88	87	85	86	87	85	85	82	86	85	87	79	85		85.2
	MIN	79	76	79	77	74	74	75	75	77	79	75	75	79	75	74	77	76	77	76	78	76	77	78	76	76	74	77	77	75	77		76.3
LELE I. KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	86	86	86	86	85	84	86	83	85	85	83	81	86	83	83	85	85	85	83	85	85	83	85	85	85	86	86	85	82	84		84.6
	MIN	78	78	79	78	73	75	78	74	79	77	76	73	77	75	75	74	75	75	77	75	77	77	74	75	78	80	79	77	75	75		76.3
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	85	89	88	88	88	88	88	90	88	81	87	87	83	87	88	88	90	89	89	87	90	88	85	90	87	92	90	90	83	85		87.6
	MIN	76	75	75	75	74	73	74	74	74	73	72	74	73	73	73	71	72	73	73	74	74	76	75	75	75	75	73	75	74	74		73.9
TRUK, MOEN I. WSO AP	MAX	89	89	87	88	88	89	85	88	85	84	88	84	87	86	88	87	89	88	88	89	88	88	88	86	82	88	89	87	90	89		87.4
	MIN	80	78	75	78	75	76	74	78	74	75	75	74	77	77	78	76	76	77	75	77	76	77	76	77	75	75	75	75	80	72		76.1
WOLEAI ATOLL	MAX	91	90	90	89	88	90	90	89	89	87	88	89	90	90	85	86	88	88	88	84	89	88	90	87	90	87	87	89	90	90		88.5
	MIN	73	71	72	75	73	77	75	74	73	72	72	75	73	76	68	74	73	73	73	67	74	74	75	71	71	74	72	80	80	79		73.6
YAP WSO AP	MAX	84	86	87	87	87	87	87	87	86	86	86	87	87	86	87	86	88	86	87	81	85	86	88	87	87	87	87	87	87	86		86.4
	MIN	75	75	75	75	78	74	78	76	76	76	76	76	76	76	75	76	76	76	76	75	74	78	77	76	75	76	77	78	78	74		76.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.30	.27	.22	.22	.19	.17	.30	.30	.24	.19	.12	.30	.19	.24	.26	.30	.30	.17	–	.17	.32	.38	.15	.19	.25	.24	.30	.30	.19		7.318
	WIND	47	35	31	32	36	39	33	52	61	39	34	19	32	38	33	43	52	53	37	21	11	106	36	15	23	24	23	34	29	35		1103
	MAX	90	80	92	91	87	87	87	90	87	86	87	80	91	85	86	88	88	90	72	74	84	90	90	93	87	92	92	92	93	92		87.8
	MIN	65	65	65	65	67	66	66	65	65	63	65	66	66	66	66	65	64	65	66	64	64	65	64	66	62	62	61	62	63	67		64.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL A	5650	04	WAIANAE	4	21 28	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5 A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2 A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			ALFRED J. PRATT
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803 A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CAPITAL INVEST CO
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	289F	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEOMELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		M0			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980					S MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		M0			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		M0			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		M0			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		M0			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		M0			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A			S A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788					S MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		M0			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290					S MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		M0			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUU PAKI 352	R	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		M0			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	R	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	R	0040	05	N KONA	5	19 38	155 47	5220		M0			W.H. GREENWELL RANCH
AWINI 182.1	A	0180	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		0A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		M0			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	R	1033	03	KAU	3	19 24	155 17	3648		M0			HAWAII NAT PARK
HALEPIULA 117	R	1060	01	HAMAKUA	1	19 56	155 24	5770		M0			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		M0			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	R	1557	04	N KONA	4	19 38	155 55	3220		M0			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	R	2047	04	N KONA	4	19 40	155 53	6250		M0			STATE DIV OF FORESTRY
HUALALAI 72	R	2151	04	N KONA	4	19 42	155 52	8190		M0			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	R	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	R	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	R	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	R	4625	03	KAU	3	19 04	155 38	1925		M0			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	R	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	R	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	R	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS													
ISLAND OF KAUAI	01												
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			CLOSED 3/14/74
ISLAND OF HAWAII													

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
‹ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
‹CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN? USCG LORAN		4860	03	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND M.RSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ARWUO DAVID
NGASANG.BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 30E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK. MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

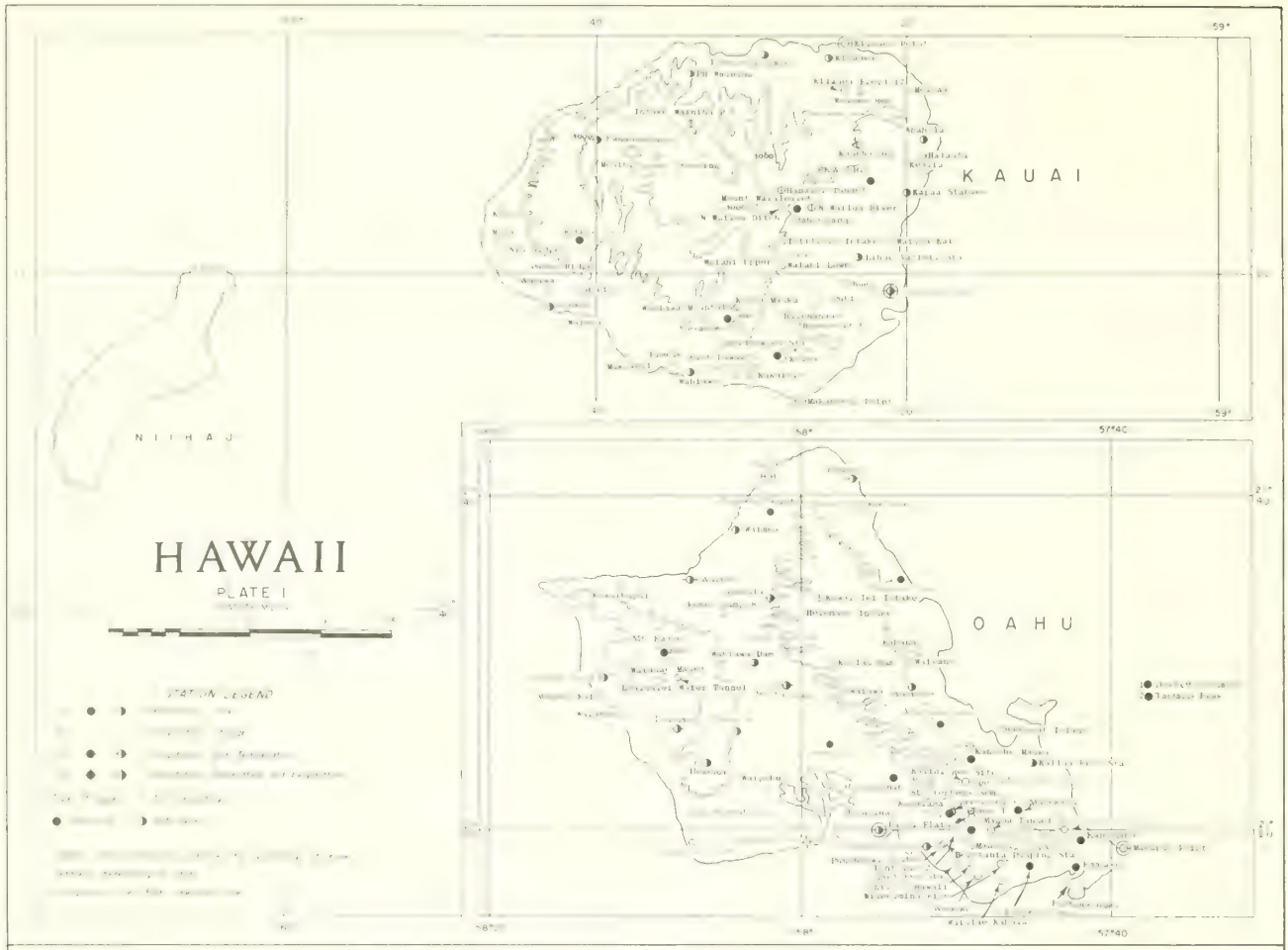
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

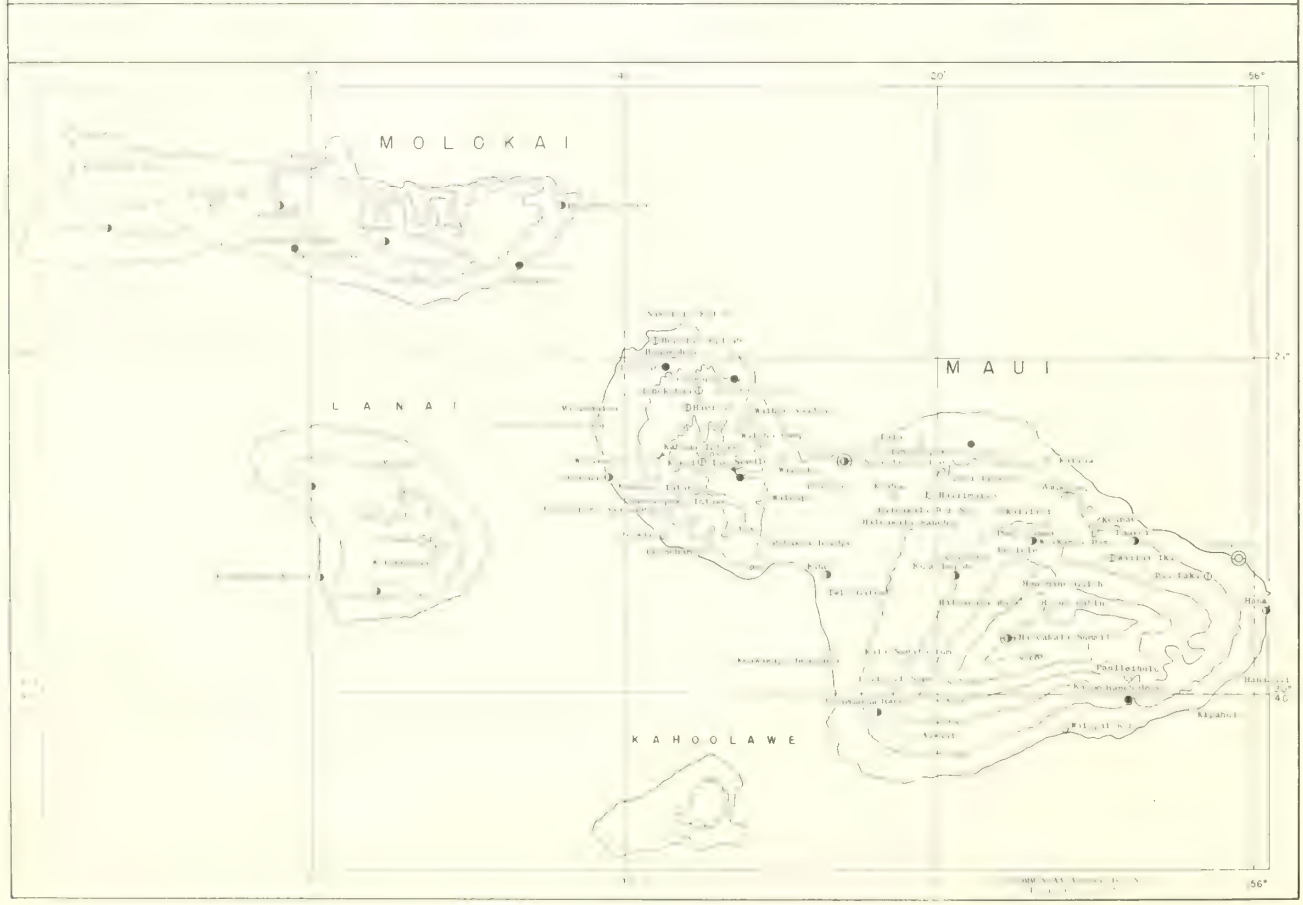
William H. Hoggard
Director, National Climatic Center

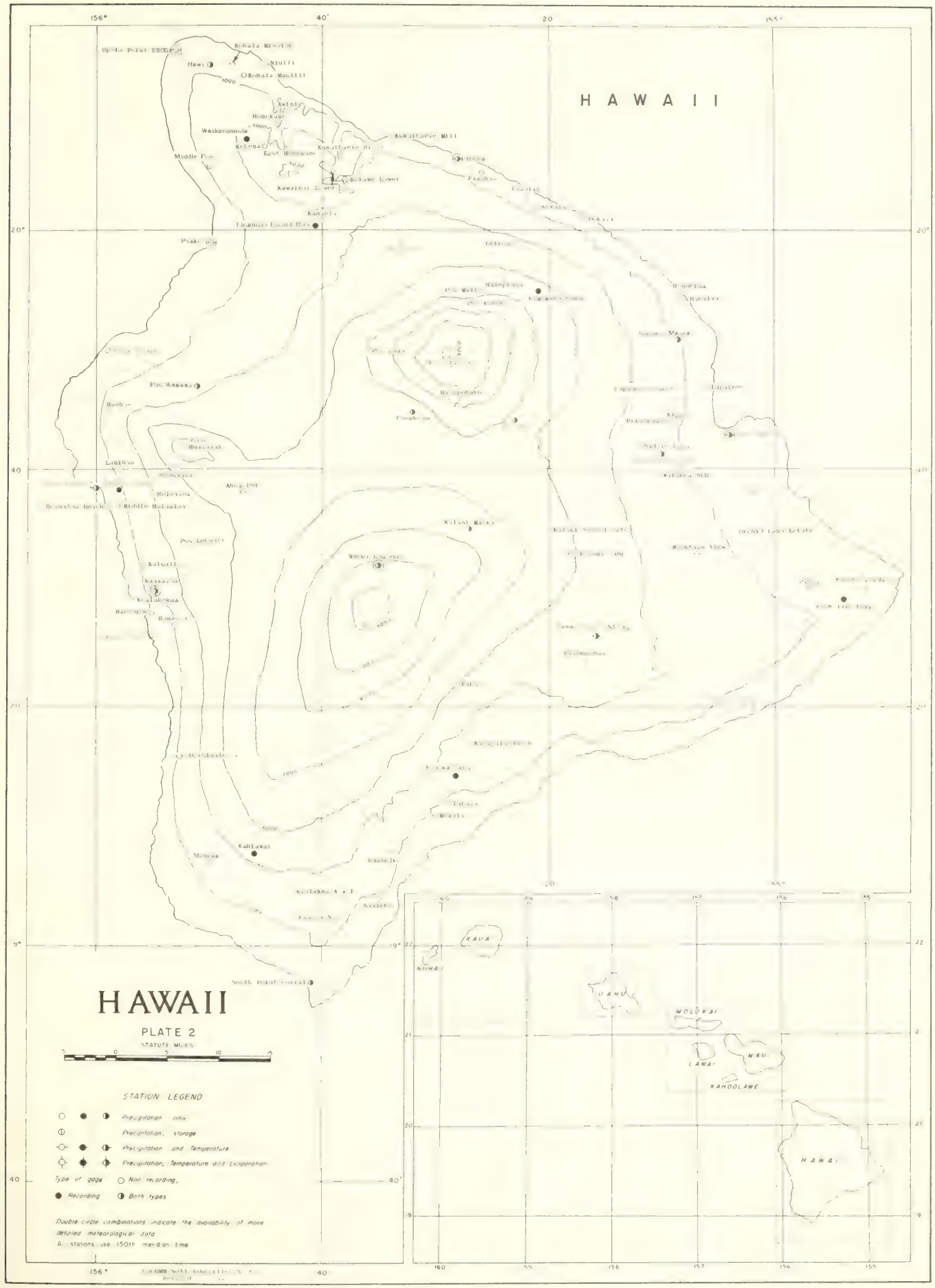
USCOMM-NOAA-ASHEVILLE, N.C. 7/31/74-1100

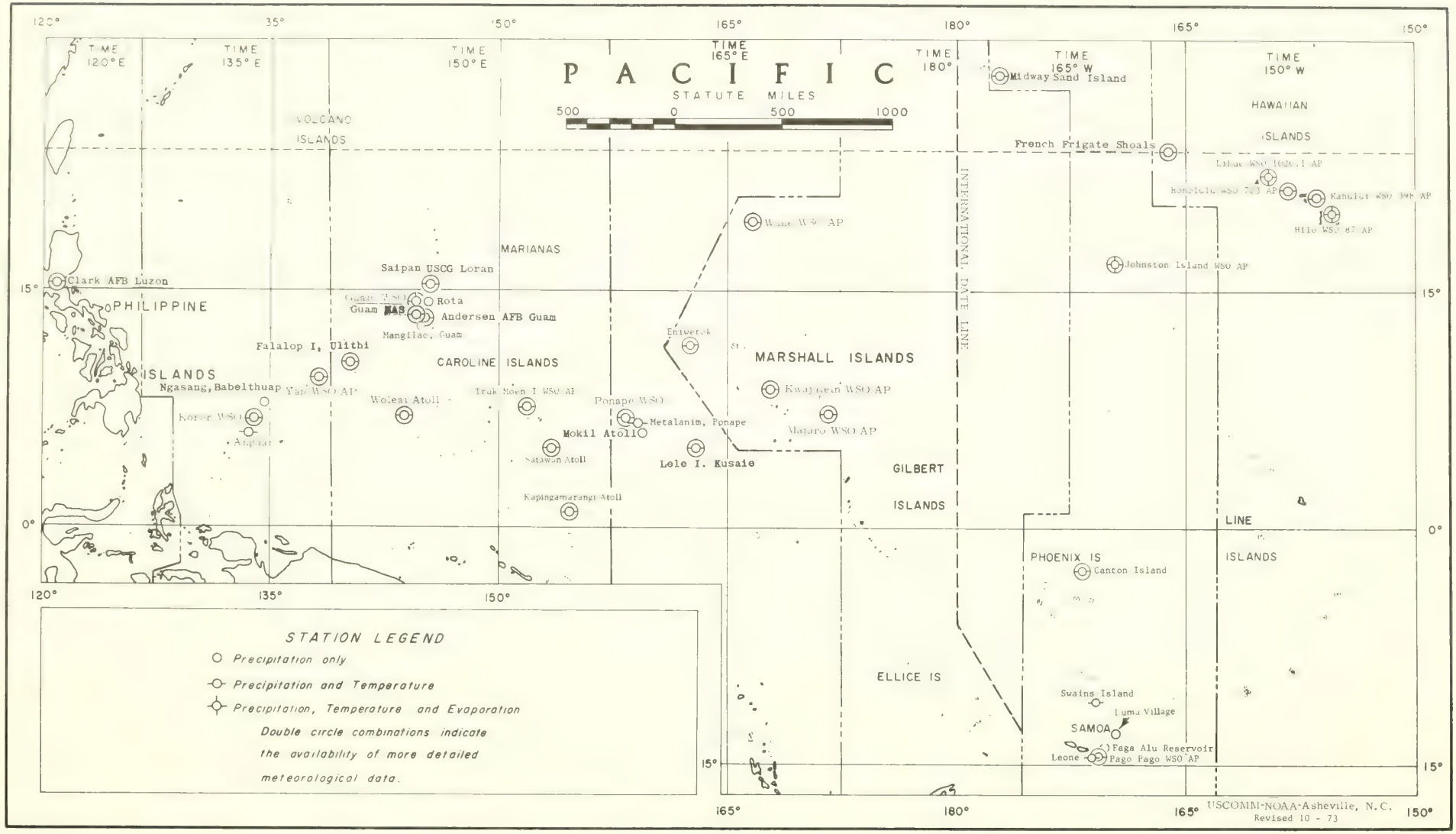


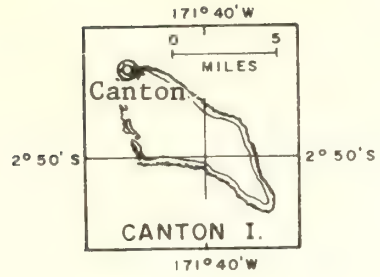
HAWAII

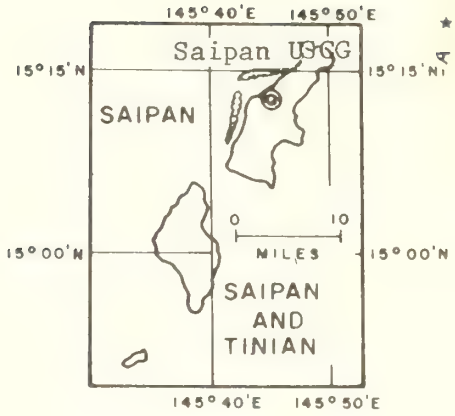
PLATE I

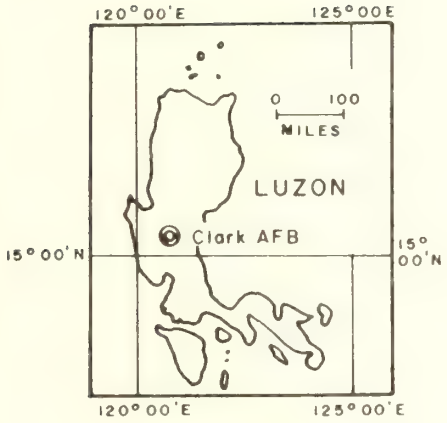


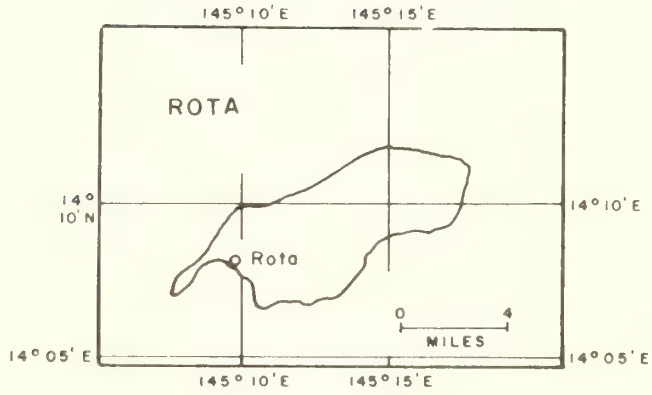

HAWAII
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
A stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

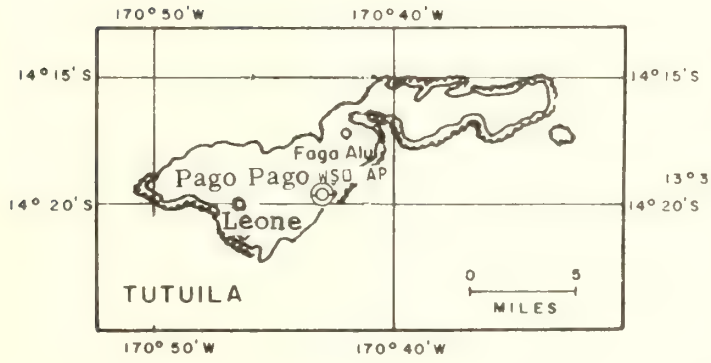

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
PHILIPPINE ISLANDS
CAROLINE ISLANDS
MARSHALL ISLANDS
GILBERT ISLANDS
ELLICE IS
PHOENIX IS
LINE ISLANDS
HAWAIIAN ISLANDS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
Johnston Island WSO AP
Clark AFB Luzon
Saipan USCG Loran
Rota
Guam NAS
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Ngasang, Babelthuap
Yap WSO AP
Koror WSO
Angaur
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Enewetak
Kwajalein WSO AP
Majuro WSO AP
Canton Island
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

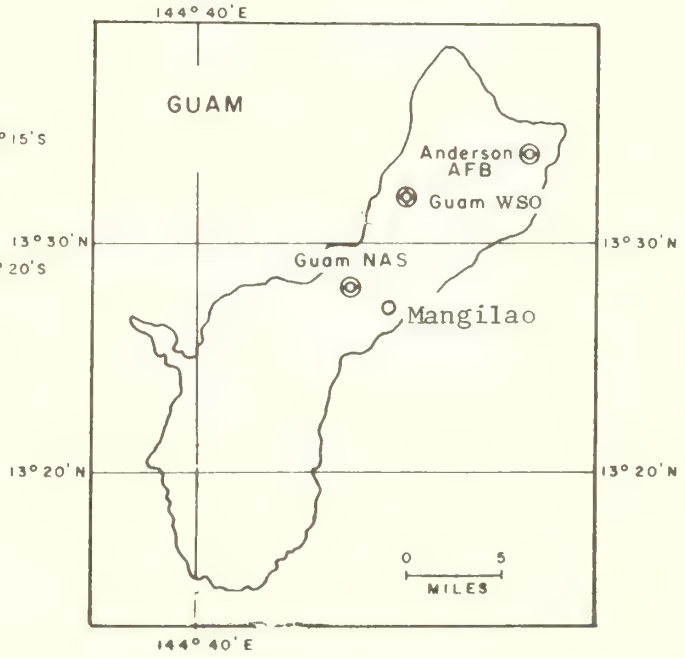

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

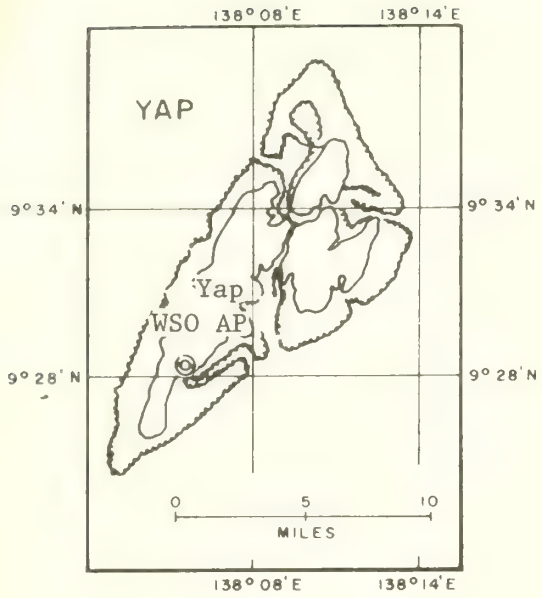

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

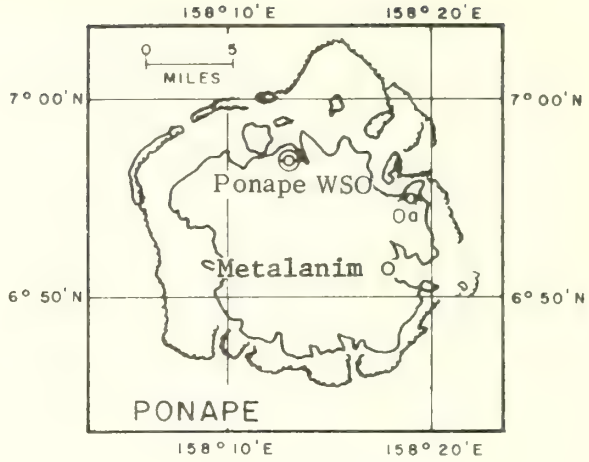

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

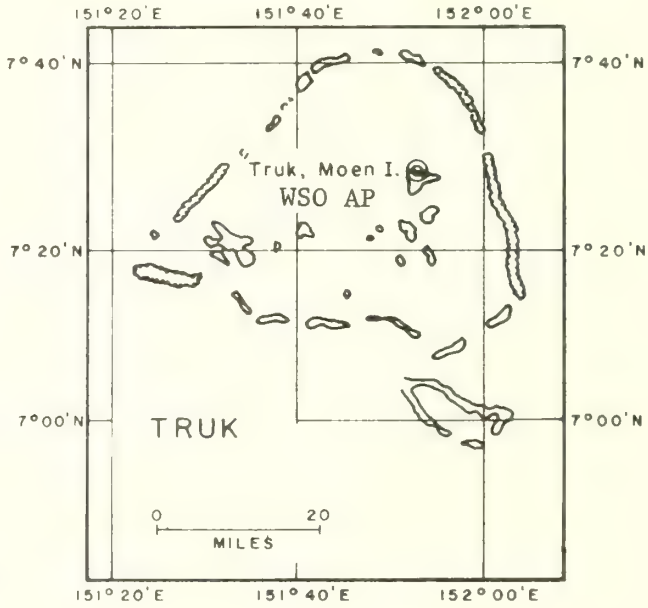

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

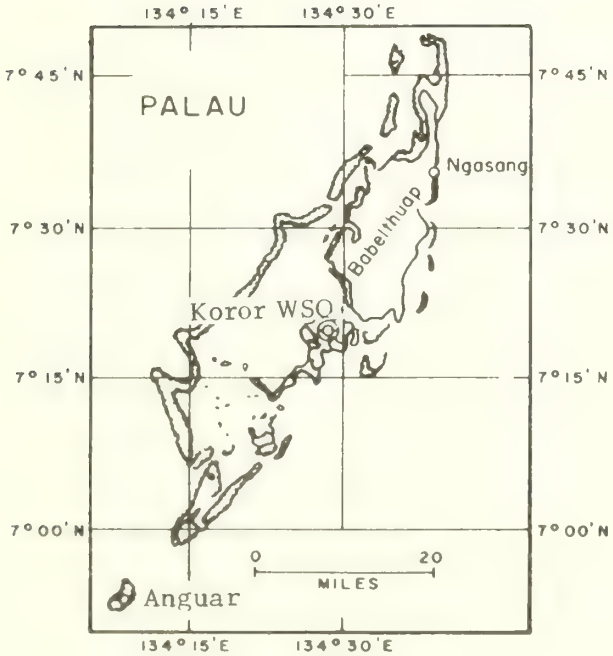

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

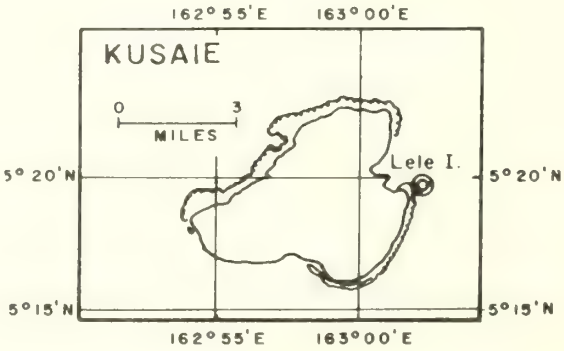
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

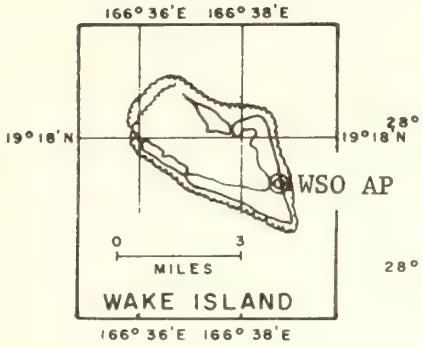

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Metalanim
PONAPE

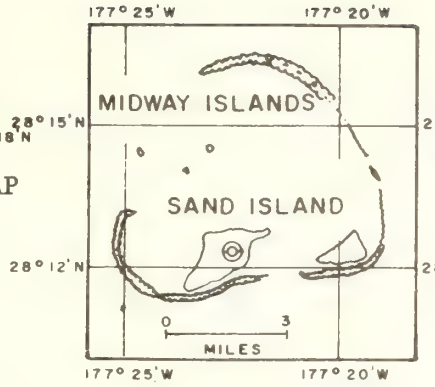

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

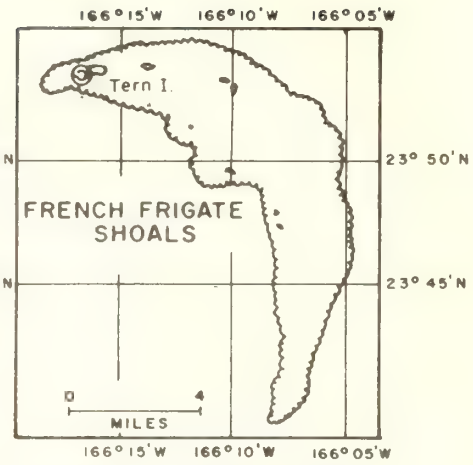

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

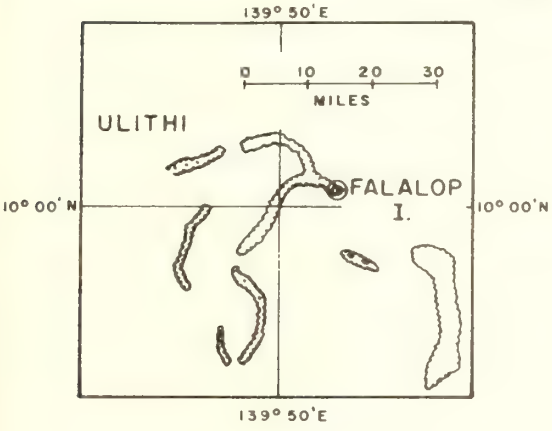

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

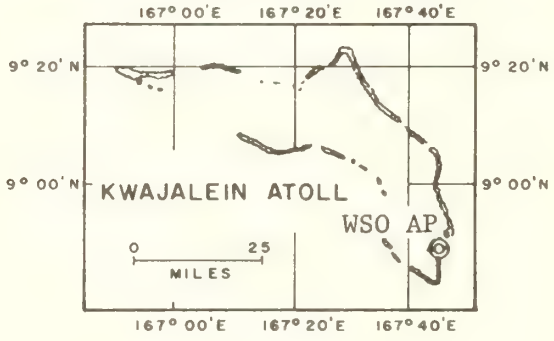
— Reef

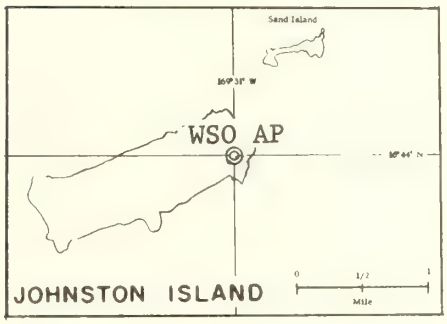

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

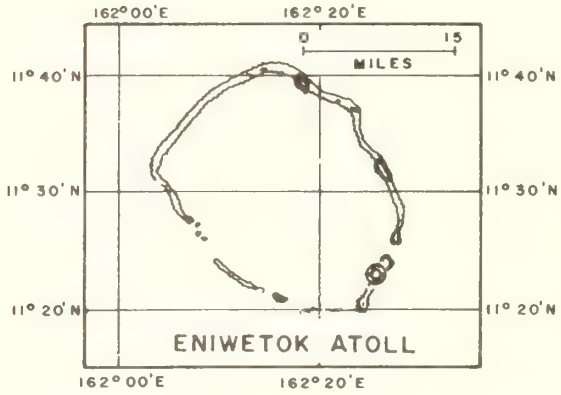

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

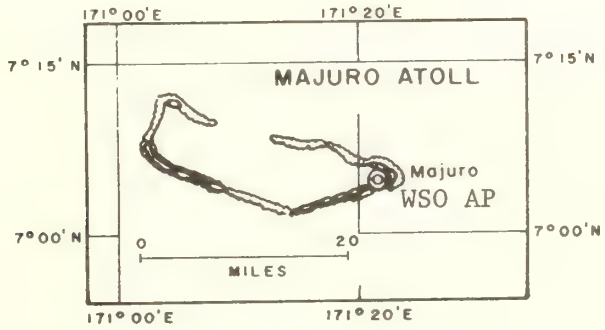

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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MAY 1974 Volume 70 Number 5

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE KEAWAKAPU BEACH, MAUI	92	DATE	21
LOWEST TEMPERATURE MAUNA LOA SLOPE OBS. HAWAII	30	DATE	3
GREATEST TOTAL PRECIPITATION N. WAILUA DITCH, KAUAI	22.15		
LEAST TOTAL PRECIPITATION 2 STATIONS	.00		
GREATEST ONE DAY PRECIPITATION HANAHULI, MAUI	7.28	DATE	16

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SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME GREENWICH CIVIL 12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	–	–	–	23	E	16	–	79	81	92	0	11	8	1	2	2	24	60	–
HILO, HAWAII, WSO AP	16	1.3	6.1	18	SE	26	88	81	71	82	2	7	15	2	2	0	28	54	7.6
HONOLULU, OAHU, WSO AP	6	9.4	11.3	25	NE	07	76	68	55	68	10	12	0	1	0	0	23	55	6.7
JOHNSTON ISLAND WSO AP	9	17.6	18.0	32	SE	22+	79	76	70	77	6	7	4	0	0	0	17	71	5.8
KAHULUI, MAUI, WSO AP	5	10.7	12.8	32	E	21	81	69	56	71	7	5	1	0	0	0	13	68	5.8
KOROR WSO AP	–	–	–	21	W	21	88	–	78	77	4	5	11	4	2	0	26	48	8.8
KWAJALEIN WSO AP	8	12.7	13.5	25++	10	11+	83	83	76	80	6	6	6	4	5	0	27	–	8.3
LIHUE, KAUAI, WSO AP	5	10.3	12.8	24	NE	09	77	72	66	73	8	7	4	4	0	0	23	63	6.5
MAJURO WSO AP	–	–	–	23	E	24+	82	83	76	79	3	7	9	3	2	2	26	72	8.5
PAGO PAGO WSO AP	9	4.6	7.0	33	NE	28	89	90	74	85	3	4	11	2	1	1	22	39	6.7
PONAPE WSO AP	–	–	–	17	NE	25+	88	–	78	81	2	5	13	4	5	1	30	42	9.1
TRUK, MOEN I, WSO AP	–	–	–	32	SW	19	86	–	79	78	5	11	8	2	3	2	31	53	9.3
WAKE WSO AP	7	14.9	15.9	35	NE	10	85	87	67	74	6	12	2	0	0	0	20	66	5.9
YAP WSO AP	–	–	–	21	NE	13	90	–	78	76	1	8	8	3	1	2	23	64	7.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE									NO. OF DAYS				PRECIPITATION							NO. OF DAYS		
											MAX.		MIN.						SNOW. SLEET					
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
x x x																								
ISLAND OF KAUAI	01																							
ANAHOLA 1114	A														5.15		2.50	15	.0	0			2	2
KANALOHULUHULU 1075		70.2	52.7	61.5		73	21+	46	25		0	0	0	0	2.56		.40	30	.0	0		10	0	0
KAPAA STABLES 1104	A														5.53		2.25	15	.0	0			3	1
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 936	A														9.83		3.65	15	.0	0				2
LIHUE WSO 1020.1 AP	//R	82.1	71.7	76.9	1.4	84	8	66	16		0	0	0	0	3.67	1.24	.79	13	.0	0		8	4	0
MANA 1026		85.7	64.6	75.2	.4	89	15	61	13+		0	0	0	0	1.49	.44	.61	18	.0	0		2	2	0
N WAILUA DITCH 1051	A														22.15		6.20	14	.0	0				
PH WAINIHA 1115															11.90	2.58	2.71	14	.0	0				
PUEHU RIDGE 1040															1.93	- .03	1.30	17	.0	0		5	1	1
WAHIAWA 930	A														.84	- .91			.0	0			0	0
WAIAHI LOWER 1054		79.8	62.6	71.2		84	28+	58	16		0	0	0	0	18.32	10.21	5.85	15	.0	0		25	8	4
WAIMEA 947															.23	- .82	.18	13	.0	0		1	0	0
ISLAND				71.2											6.97				.0					
x x x																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		82.9	71.1	77.0		86	30	64	16		0	0	0	0	8.02		2.38	30	.0	0		11	4	3
HONOLULU OBSERV 702.2															.53		.16	16	.0	0		3	0	0
HONOLULU WSO 703 AP	R	85.7	70.6	78.2	1.3	88	5+	66	27+		0	0	0	0	.82	- .14	.54	15	.0	0		1	1	0
KANEOHE MAUKA 781		81.5	70.3	75.9	1.7	87	25	65	16		0	0	0	0	7.02	2.24	1.53	15	.0	0		16	5	2
KOOLAU DAM 833	A														17.57		1.95	15	.0	0		23	12	7
LUALUALEI 804	A	82.4	66.3	74.4		88	27	61	25+		0	0	0	0	.88		.23	16	.0	0		4	0	0
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															12.16		2.90	14	.0	0		17	7	3
OPAEULA 870	A	79.0	65.8	72.4	2.4	85	27	63	31+		0	0	0	0	5.69		1.60	16	.0	0				1
PALOLO VALLEY 718	R														13.90	4.03	2.32	14	.0	0		23	9	4
PRI WAHIAWA 820.2	A	M	M	M		89	28	61	17+		0	0	0	0	4.53				.0	0				
WAHIAWA DAM 863	A														3.33				.0	0				
WAIAHOLE 837	A														15.22		4.62	15	.0	0				
WAIALEE 896.3		82.0M	69.6M	75.8M		85	30+	67	25+		0	0	0	0	4.77		1.89	15	.0	0		9	2	1
WAIALUA 847	A	83.8	64.0	73.9	.6	88	28	61	26+		0	0	0	0	1.05	- .29	.55	16	.0	0		2	1	0
WAIKIKI 717.2		85.9M	67.7	76.8M		89	11	61	16		0	0	0	0	.71		.19	16	.0	0		2	0	0
WAIMANALO EXP FARM		81.9	70.3	76.1		85	26	64	16		0	0	0	0	3.21		1.06	16	.0	0		8	2	1
WAIPAHU 750	A														2.50		1.25	29	.0	0		4	2	1
ISLAND				75.6											5.99				.0					
x x x																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														1.60		.71	16	.0	0			1	0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														1.89		1.15	29	.0	0		2	1	1
MOLOKAI AP 524																			.0	0				
ISLAND				.0											1.75				.0					
x x x																								
ISLAND OF LANAI																								
LANAI CITY 672	A	76.2M	62.5M	69.4M	.4	84	15	59	11+		0	0	0	0	2.26	- .85	.80	30	.0	0			2	0
ISLAND				69.4											2.26				.0					
x x x																								
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														3.20		.66	20	.0	0		8	3	0
HALEAKALA RS 338		61.2	42.6	51.9	- 1.7	65	31	38	25+		0	0	0	0	2.98	.66	.66	16	.0	0		11	1	0
HANA AIRPORT 355		82.8	67.9	75.4		87	31	62	3		0	0	0	0	11.96		5.20	16	.0	0		13	3	2
HONOKOHUA 493	A														2.22				.0	0				0
KAAMAPALI AIRPORT		83.3M	68.3	75.8M		86	1	64	3		0	0	0	0	.29		.15	11	.0	0		1	0	0
KAHULUI WSO 398 AP	R	85.0	66.5	75.8	.4	88	5	59	3		0	0	0	0	.54	- .08	.41	31	.0	0		1	0	0
KAILUA 446		76.5M	65.2M	70.9M	.3	80	31+	62	3		0	0	0	0	9.86	.86			.0	0				
KEANAE 346	A														12.70				.0	0				
KIPAHULU 258															12.61	5.80	6.62	16	.0	0		17	5	1
KULA SANATORIUM 267		71.7	57.4	64.6	1.1	74	21+	54	3		0	0	0	0	1.07	- 1.13	.34	15	.0	0		3	0	0
LAHAINA 361		85.7	67.5	76.6	1.7	89	29	65	12+		0	0	0	0	1.66	1.18	1.61	27	.0	0		1	1	1
PAIA 406															.69	- .88	.13	11	.0	0		1	0	0
WAILUKU 386	A	81.1M	68.5M	74.8M	.1	86	27	65	3		0	0	0	0	.51	- .51	.37	16	.0	0		1	0	0
ISLAND				70.7											4.64				.0					
x x x																								
ISLAND OF HAWAII																								
HAIMA 214		80.9	65.7	73.3	1.5	84	30+	53	11+		0	0	0	0	1.38	- 3.34	.80	10	.0	0		3	1	0
HAWAII VOLCNS NP HQ 54		68.3	52.8	60.6	.2	72	31+	46	3		0	0	0	0	6.50	- 1.25	.70	20	.0	0		18	4	0
HILO WSO 87 AP	R	81.6	66.0	73.8	.2	85	31+	62	3		0	0	0	0	8.07	- 2.00	1.48	13	.0	0		18	4	2
HUEHUE 92.1	A														1.45	- 3.22			.0	0				0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE									NO. OF DAYS				PRECIPITATION				SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
KAINALIU 73.2		76.8	62.4	69.6		80	9	59	12		0	0	0	0	6.47	- .51	.93	19	.0	0		15	6	0
KEAAU 92		79.9	64.0	72.0	- .5	84	31	62	31+		0	0	0	0	10.59	.71	1.60	18	.0	0		21	7	3
KEALAKEKUA 26.2															4.33				.0	0				
KONA (KAILUA) 68.3	A	82.6M	69.0M	75.8M		85	20+	67	30+		0	0	0	0	3.89		1.92	22	.0	0		7	2	1
KUKUIHAELE HIC 199															1.28	- 4.30	.55	10	.0	0		3	1	0
KULANI CAMP 78		62.5	47.7	55.1		66	30	42	24+		0	0	0	0	7.68		1.10	20	.0	0		18	6	1
PAHALA 21	A	79.0M	61.6M	70.3M	- .7	82	1	58	24		0	0	0	0	1.81		.61	15	.0	0		4	1	0
POHAKULOA 107	A														1.08				.0	0			0	0
PUAKO 85.1	A	84.4	69.5	77.0		88	1	65	3		0	0	0	0	.10		.05	22	.0	0		0	0	0
PUU WAAWAA 84.1	A														1.89	- .84	.87	29	.0	0		5	1	0
UMIKOA 118															2.45	- 1.67	1.27	10	.0	0				1
WAIAKEA SCD 88.2															14.37		2.60	18	.0	0		21	7	6
ISLAND				69.7											4.59				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE												PRECIPITATION								
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
x x x EAST OF 180TH MERIDIAN																							
CANTON ISLAND		80.0	77.0	83.0		92	9	74	4		12	0	0	0	2.11		.61	3	.0	0		4	1	0
FAGA ALU RESERVOIR															11.24		3.70	30	.0	0		18	11	1
JOHNSTON WSO AP	R	82.3	75.4	78.9		85	28	71	5		0	0	0	0	.87		.17	10	.0	0		4	0	0
LEONE		88.6	80.9	84.8		96	17	75	13		11	0	0	0	7.70		2.05	28	.0	0		13	4	3
FRENCH FRIGATE SHOALS		83.5	73.2	78.4	3.8	88	28+	70	31+		0	0	0	0	.77	- 1.55	.27	28	.0	0		2	0	0
LUMA VILLAGE															9.60		2.39	13	.0	0		15	5	3
MIDWAY SAND ISLAND		75.5	67.8	71.7	.3	80	20	64	6		0	0	0	0	10.21	7.99	3.27	21	.0	0		8	6	3
PAGO PAGO WSO AP	R	84.4	72.3	78.4	- 1.1	87	20+	66	26		0	0	0	0	8.07	- 2.62	3.36	23	.0	0		15	4	2
SWAINS ISLAND																			.0	0				
x x x WESTERN PACIFIC ISL, NORTH OF 12 N																								
ANDERSEN AFB GUAM		85.2	77.7	81.5	1.2	87	18+	75	24+		0	0	0	0	9.89	5.49	2.77	17	.0	0		13	4	3
CLARK AFB LUZON		89.6	74.7	82.2	- 2.0	95	4	72	31+		22	0	0	0	4.20	- 2.26	1.10	30	.0	0		6	4	2
GUAM NAS		84.4	78.2	81.3	.0	87	20	76	24+		0	0	0	0	13.22	8.95	5.71	3	.0	0		13	4	2
GUAM WSO	R	85.4	73.8	79.6	.2	88	6+	70	6+		0	0	0	0	12.00	7.51	4.34	3	.0	0		13	5	4
MANGILAO															14.14		2.38	4	.0	0		21	9	4
ROTA															12.10		5.25	3	.0	0		14	5	2
SAIPAN USCG LORAN		87.3	75.8	81.6		89	31+	70	19		0	0	0	0	5.31		2.63	4	.0	0		9	3	1
WAKE WSO AP	R	84.3	72.9	78.6	- 1.2	87	31	69	19+		0	0	0	0	.96	- 1.20	.27	15	.0	0		2	0	0
x x x CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															15.10	4.70	5.64	27	.0	0		13	7	4
ENIWETOK		87.2M	75.4M	81.3M	- 1.2	89	26+	71	26+		0	0	0	0	5.45	1.09	1.16	15	.0	0		11	5	2
FALALOP I, ULITHI																			.0	0				
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	88.2	76.1	82.7	.7	91	20+	74	15+		17	0	0	0	8.10	- 6.43	1.46	9	.0	0		17	6	2
KWAJALEIN WSO AP	R	85.8	77.5	81.7	- .1	88	25+	75	28+		0	0	0	0	11.84	2.13	1.92	14	.0	0		15	9	5
LELE I, KUSAIE																			.0	0				
MAJURO WSO AP	R	85.0	76.5	80.8	- .5	86	28+	73	12+		0	0	0	0	12.84	.69	3.12	12	.0	0		16	7	4
METALANIM		86.3M	75.4M	80.9M		88	9+	70	22		0	0	0	0	x		4.16	4	.0	0		17	13	9
MOKIL ATOLL																								
NGASANG, BABELTHUAP															x				.0	0		7	3	2
PONAPE WSO	R	87.6	74.6	81.1	.4	90	31+	72	15+		7	0	0	0	16.74	- 2.69	2.11	28	.0	0		23	10	6
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I, WSO AP	R	87.5	76.5	82.0	.7	90	15	74	18		1	0	0	0	13.47	- 2.27	2.75	18	.0	0		15	7	5
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	87.1	74.5	80.8	- 1.0	89	13+	69	15+		0	0	0	0	9.77	- .26	2.60	14	.0	0		14	6	3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
ISLAND OF HAWAII																																	
ANAHOLA 1114	H	5.14	13					.03	05	06		13			.16	.40	2.50	.30	.05			.15								1.00		.20
BAKERSWOOD 1184 985	H	3.62	.04	12				11	.09	11	10	.18			.43	.46	.27	.45	.11			.26	09	.05	.01	.03			.30	.02	.14	.14	.01
EAST MAUI 934	H	9.33	.09	05				12	07	06	05	.23			1.08	72	1.83	03	.25			.40	07	.06	.08	.14			.52	1.12		.36	
ELEELE 947	H	.63		01				07	01	02	08	.02			.24	.11	T	.04	.01				.01	.02				.05					
HANALEI 1116	H	6.47	11					.06	05	05		15			15	25	2.71	.30	15			35									.75		.40
HANLEMANAHO 1006	H	13.39	.6	11	02			69	08	14	09	34			.87	.83	6.16	.77	.19			.58	04		.04	.14			.31	1.46		.31	.06
HAPUU 946		.10													.07	03																	
IUI ITCH INTAKE 1050	H	21.49	07	21	02			56	.20	.31	16	28			2.53	4.64	3.84	54	2.42			2.06	.42	.37	.27	.15			.17	1.60	.14	.52	.20
INTAKE WAINIHA PC 1086	H	12.36	1.00		02				.62			1.54			3.51	1.92			1.02			1.07							.67		.99
IWAIWAI 1075		2.56						.13	14	06		.13	.14	.08	.17	.38	.02		.12	.05	.07	.04			.03			.17	.16	.04	.03	.40
KAHEKA RESERVOIR 1042	H	10.16	.46	05	46			20	20	.15		.35			.90	.60	4.00	.95	.40			.19	.03	05					19			.85	.35
KAHUA STABLES 1124	H	6.53	.42		06			.25	59	02	02	20			.46	.18	2.25	.92	.05			08	05						.03			.55	.21
KEAHUA 1112	H	4.52	06					11	11	03		.15			.10	.50	1.44	66	.05			.10										.90	.40
KEAHUA 941		.01													.01																	
KILAUEA 1134	H	8.17	07						.40	.10	26	08			83	1.10	1.90		.11			.14	.08			19					.66	.25
KILAUEA FIELD 17 1135	H	-																															
KILAUEA POINT 1133		-																															
KOLO 1013		.41						.07							.03	.09			.08	.10		.02						02				
KONA 936	A	9.83	.15	03	03			.14	14	03	08	15			.73	.60	3.65	50	.08			.65	05	.05	.04	.24			.48	1.59		.22	
KONA MAUKA 994	A	-																															
KOOKOO RES 1137	A	9.07			15							1.18						4	95							.96						1.83
KUKUIOLONO 935	A	5.48	.08					.01	.02	.01	.08	.11			.34	.22	2.58	.06	.26			.04		.06					.15	1.25		.21	
LIHUE VARIETY STA	A	9.14	.39	14				.36	11	.29	07	.11			.73	.97	2.65	1.12	.26			.42	02			.12			.16	.40	.05	.62	.15
LIHUE 1026	H	3.31	.10	05				.10	01	.14	.03	.15			.85	.35	.49	.19	.10			.05							.11	.07	.01	.43	.08
LIHUE WSO 1020 1 NE	E	3.67	.02	T		T	T		.07	.03	.07	.02	.04	T	.79	.57	.15		.11	T	T				.01		.73	.12	T		.36	.58	T
MAKAWUENA POINT 940.1		-																															
MAKAWELI 965	H	.13								.01					.08	.03		.01															
MANN 1048		1.49														.07	.60	.08	.08	.61		.05										
MANAWAI 66 CROSS .083	H	24.27		19	11			16	24			16	65	.16	16	.67	1.21	.08	.40		.08	.16							.65	08	.24	.08	.08
MAUNA LANI	H	5.29	.16	06				14	11	.18		.13			.38	1.06	1.50					.14	09			.05	.08			.04		.67	.50
MOUNT WAIALEALE 1047	B	-																															
MT RIDGE 1035		2.05													.25	.22	.17		.80	.35		.26										
NAHIKU 2 CITCH 1051	H	22.45	.66	12				.47	34	.14	11	.65			1.81	6.20	2.55	1.02	1.65			1.91	.16	.08	.32	30			.67	1.56	.51	.78	.14
PAAUHAU 115	H	11.90	.8	.20	.47			.03	23	14	02	.61			2.22	2.71	.70	.02	1.58			.75	.28	.04	.01	.33			.24			1.08	.06
PRINCEVILLE RANCH 1117			.14	11				11	26	10	18	.22			1.05		8.47		.16			.50	.07		.15	.08			.04		.53	
PUEHU RIDGE 1040		.93							10						.11		.22		1.30			.11								.09			
PUHI 1013	H	2.10	.07	.03				.03	03			.04			.16	.22	.69		.20			.47							.01	.05		.10	
RESERVOIR 6 .0004	H	-																															
WAHIAWA 930	H	.84	T					.08	.02	.02	.02	.06			.35	.11	.10		.01			.03		.01					.01			.02
WAIAHI LOWER 1054		18.32	.26	.32		.10	.34	.07	.27	.33	.21	.26	.10	.25	.73	2.64	5.85	.51	1.62	.64	.33	.51	.17	.03	.13	.16			.61	1.12	.04	.48	.24
WAIHEE UPPER 1062		20.39	.05	98		.10	.15	.15	.33	.14	.54	.12	.82	.52	2.64	5.94	.65	1.69	.58	.87	.32	.30	.09	.27	.17	.12		.04	1.59		.24	.50	.28	
WAIKAPU 943		.07													.02												.05						
WAILUA 2 NE 1065	H	7.18	.15	.13				.11	.08	.16	.10	.04			.27	1.06	3.15	.89	.16			.04	.06		.02	.05			.11			.45	.16
WAIMEA 947		.21													.18	.05																	
WEST LOCH 931	H	3.13	.03	T				.10	.01	T	.05	.14			.62	.18	1.56	T	.14			.09	T	.01	T	.01			.08	.03	.01	.07	
ISLAND OF OAHU																																	
B PETAMIN PUMPING STA		1.16			.03				.06	.03	.07	.04	.01		.02	.03			.05	.23		.06	.09	.08	.05	.10				.15	.01	T	.02	.01
CHAMBERS INC PK 702.5		.84				T				T							.61	T	T					.06							.09	T	.08
HMP 84 807	H	4.00								.06					.03		.80	.75				.04			.15						1.80	.06	.31
HONOLULU COLLEGE WHE		8.02	.27	.28			.03	.12	.04	T	T	.06	.03	.04	T	1.76	1.07	.46	.01	.06	.01	.10	T	.09	.13		.65					2.38	.43
HONOLULU WSO 840 1		8.12	.09	.03	.02		.01	.05		.16	.06	.13			.06	.08	.90	4.20	.04	.16	.02	.10	.15	.01	.01			.25			.01	.74	.84
EWA PLANTATION 741		.17															.08						.10							.11		.08
HEMANO INTAKE 881	A	8.59		.56							.12				.75			5.00				.44			.70			.95			.11	.4
HONOLUA 925	H	3.53																				1.93						.33				1.27
HONOLULU OBSERV 702.2		.57		T	.07												.12	.16	.02									.02			.04	.10
HONOLULU WSO 703 AP	E	.82	.01	.01		T		.06	.01	T	.02	T	.02		T		.54	.01	.02	T	T	.02		T	T			.03		T	.01	.06	T
HONOLULU SUBSTA 704	B	.61							.07	.01						.02	.20		.03	.05		.03						.15			.02	.01
HONOLULU WSO AP STA 737		1.65	.06	.06					.17	.07	.02	.11	.01	.03	.05	.06	.07	.18	.03	.04	.04	.11	.04	.17	.07		.01		.10	.05	.01	.04	.05
HONOLULU POINT 841 1		4.16						.16	.05	.01	.13				.30	.40	.06					.01		.01	.07								
HONOMA 883	H	20.47						2.46							2.74							14.60							.68				
KAHUKU 912	H	-																															
KAIMUKI FIRE STA 741 3		6.33		.26				.05		.10	.07		.10				.50	3.40		.04		.06	.30			.02					.05	.05	1.25
KALIHI RES SITE 777	H	12.84	.62	.46	.04		.14	.04	.02	.01	.28	.02	.10	.18	.62	2.84	1.40	.30	.30	.16	.62	.88	.02	.08	.04		.30	.56	.02		1.64	.64	.94
KANEOHE MCAS 781		7.32	.14	.28	.11		.02	.3		.51	.16	.02	.09	.14	.06	.03	.40	1.53	1.06	.14	.13	.08	.08	.50	.02	.19			.29			.29	.62	.60
KAPA 778	H	5.78	.56	.07					.15	.20		.27			.26	.50	.07	.60	.20			.40	.21			.20						.04	.03
KAPIOLANI 941		2.43		.01				.05	T	.03	T	.07			.03	.47	.49	.84	.27			T	T	T	.17	T				.16		.04	
KAWAI PI INTAKE 880 2	H	-																															
KEMOO WMO A 955	H	3.36	.4	.01				.01		.02	.04	.05			.06	.26	.05	2.36	.01			.02	.01	.01	.02				.01	.05		.01	
KOOLAU RAN 833	H	17.47	1.57	.61			.12	.27	.03	.44	.67	.41	1.26	.91	.22	.21	1.95	1.02	.40	.47	.84	1.78	1.19	.48	.06				.80		1.30	.12	.34
LUALUALEI 804	H	.88		.04					.01	.02		.01	.02			.08	.15	.23	.03	.01			.03								.10	.17	
MAKAHA 1 NNE	H	-																															
MANANA PWT 736	H	.33			.19					T		.02			.01		.03		.05		T												
MANANA 1 NE 830	A	.67								.05		.02			.03	.01	.32		.09		.01	.01							.03		.05	T	.01
MAPAKAI POINT 7.4																																	
MANOA 71.1		6.43	.28	.33				T	.30	.25	.12	.25	.47	.21	.18	.66	.03	.25	.10	.48	.20	.72	.32	.44	.32	.02	.08	.02	.06		.36	.12	.06
MANOA 3 NNE 2 716	H	16.47	.62	.68	.04		.14	.06	.22	.72	.26	.10	.24	.20	1.94	2.48	.50	.04	.70	.54	1.20	.94	.08	.36	.08	.02		.14	.04		1.86	.30	1.82
MANOA 4 770		2.55	.09	.06	.04			.13	.21	.06	.10	.07		.05		.17		.69	.06			.27		.20		.06			.25		.02		.13
MOANAU RES 4 783		12.16	.70	.44			.02	.02	.24	.42	.26	.02	.10	.24	1.60	2.90	.82	.26	.46	.34	.92	.02									1.12	.34	.92
MOANAU RESERVOIR #5	H	7.45						.63				2.20										3.00								1.62			.40
MOKUAWEOWEO HDQ	H	5.43	.22	.10	.03			.02	.02			.30	.06	.06	.04	.30	.45	1.60	.10			.50	.35	.04	.30	T			.80		.40	T	
PALI GOLF COURSE 788.1		8.85	.42	.09			.06		.10		.20		.11		.14	.56	2.21	1.60	.12	.10	.06	.19	.30	.02	.04				.29			.87	1.36
PALOLO VALLEY 788.2		13.30	.62	.20	.02	.02	.12	.12	.34	.46	.32	.14	.34	.12	1.96	2.32	.64	.14	.60	.20	.82	.66		.10				.22	.02		1.66	.32	1.42
PAUOA FLATS 784		17.78	1.02	.70	.02	.14	.08		.24	1.04	.32	.02	.20	.28	1.92	2.04	.94	.62	1.04	.60	1.12	1.22	.12	.32	.76	.06		.60	.06		1.52	.18	.62
PUNAHOU 2 NNE 724 4		.48	.04																														
SAND ISLAND MARINE		4.63	.02							.07	.01	.03			.18	.03		.37				.07	.05								3.25	.12	.33
SCHOFIELD BARR 769	H	1.88	.04			.04			.09	.10	.04	.07	.02	.07	.03	.09	.08	.15	.02	.07	.10	.08	.17	.05	.13	.02	.01	.22	.03	.06	.02	.04	.04
ST STEPHENS SEM 788		7.49	.23	.17	.03		.04	T	.13	.11	.11	.10	.04		.06	.13	2.34	1.34	.01	.14	.03	.13	.20	T	.09			.05	.05			1.04	1.03
TANTALUS 2 SSE 4	H	20.57	.32	.48	.12	.37		.05	.19	.54	.27	.13	.08	.22	.19	1.50	.94	.28	.10	.74		1.80	.88	.16	.49	T	.22	T	.54	.01		.42	.02
UNIV OF HAWAII 713	H	2.46	.08	.11	T			.06	.22	.09	.07	.09			.24	.09	.05	.35	.06			.40	.09	.17	.05					.02	T	.08	.13
WEEK WAHIAWA WTR 3		9.14	.08	.01	.02				.03	.21	.11	.07	.12	.07	.08	.18	.16	2.89	T	.10	.19	.08	.25	.04	.24		.03	1.61	T	2.33	.08	.06	T
WAHIAWA WTP MH3	H	3.33	.04	.03						.12	.04	.06			.07	.01	.02	1.16	.01			.05	.01	.01	.04				1.35	.12	.06	.02	.11
WAIAHOLE 917	H	15..	.17	.16	.47			.35		.46	.04	.21			.46	1.16	4.62	.64	.68			1.69	.58	.05	.17				.59			.98	1.35
WAIALAE KAHALA 715		.96	.02	.04	T				.03	.12	.04	.03		.03	.01	.02		.24	T	.02		.11	.07	T	T				.02				
WAIANAE MAUKA 1		4.21		.08	.26	.99	.01	.17	.02			.06		.23	.05	.88	1.89		.06	.09	.11	.27	.05	.05	.02								.46
WAIHA 2 947	H	1.25	T		.01	.01		.02		.06	T	.01	.05	.04		.04	.07	.55				T	T	.03	.13	T			T				
WAIMANALO 738	H	.39									.03	.01	T		.02		.31		.01			T	T										
WAIMANALO BEACH 1		-																															
WAIMEA 836	H	14.41																															
WAIMEA 885	H	12.98						1.78																									14.03
WAIMEA 717 2		.71						T	.05	.09	.02	.09	.02	.01	1.10		T	.19				8.30						1.68					
WAIMEA 1 E AP 7.4		1.41	.05	.1					.11	.13	.03	.13	.04	.05		.02	.25	1.06			.04	.06						.07			.12	.04	
																												.20			.77	.26	
WAIPIO 836	H	2.91	.16	.5				.02	.07		.04	.09			.35	.11	.86	.08	.04			.47	.21	.10	.07	.01			.10		.01	.05		
WAIPAHU 75		1.55							.01	.03		.01					.70						.10							1.25	.05	.35	
WILHELMINA RISE 721	E	4.46								.84	.16	.06	.34	.14	.32	.10	.32		.28	.20	.44	.16		.14	.06			.08			.28	.06	.42

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	2.60	.15	.04				.02		.06	.10	.03			.03	.03	.08	1.60	.09	.02			.11	.07	.03	.06	.02	.04					.02
KAUNAKAKAI 536	A	.77															.77															
KEONELELE PENS 551	A	2.40																1.95	.45														
KUALAPUU 534	A	1.60	.03					.01	.03	.03		.10			.15		.40	.71				.05							.08			
MAPULEHU 542		-	-	-	-			-		-		-	-	-	-	-	-	-	-	-	-	-		-	-	-			-	-	-	-
MAUNALOA 511	A	1.88	.01					.04	.07		.02	.09			.03		.39		.06											1.15	.03	
MOLOKAI AP 524		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUUOHOKU RANCH 542.1		3.09	.08	.04						.08	.06	.11			.16	.13	.63	.60	.05			.75	.15	.02							.08	.26
WAIKOLU 540	A	5.37						.31								1.54						3.39						.13			
ISLAND OF LANAI																																
KANEPUU 680	A	.64		.05														25						T								.34
KAUMALAPAU HARBOR 658	A	2.12										.11					.04		.64			.39							.40	.05	.24	.25
LANAI CITY 672	A	2.26		T	.08			.03				.10	.01		.62			.24	.02										.02	.22	.80	.12
LANAIHALE 684	A	2.01		.06							.19							.50						.16								1.10
MAHANA 684	A	.49															.40	.05						.02								.02
MALAUEA 676	A	1.30																.25														.83
WAIAKEAKUA 685	A	2.22															.66															1.66
ISLAND OF MAUI																																
AUWAHI 252	A	1.76													.85				.60											1.31			
HALEAKALA B E S 434	A	3.20	.11	.12		.01			.05	.18	.37	.60	.09	.01			.29	.01	.05	.01	.04	.66	.52	.05								.03
HALEAKALA RANCH 432	A	.45										.20	T				.11		.14													
HALEAKALA RS 338		2.98	.14	.02	T	.06			T	.13	.16	.12		.19	.02	.06	.44	.66	.24	.12	.02	.46	.03	T	T	T		1.2		T	T	
HALEAKALA SUMMIT 338.4	A	2.03		.05													1.05	.71				.18			.02					.02	
KALIIMAILE 423	A	1.12	.05	.09					.01	.09	.04	.19	.05		.01		.19					.31	.08	.01								
MAMAKUAPOKO 485		1.92	.11	.16		.04			.11	.08	.16	.16	.21	.02			.15			.06	.04	.40	.09	.05				.07				.01
MANA 354	A	9.46	.36	.20				.04	.12	.18	.04	.29	.55					6.85										.04	.01			.78
MANA AIRPORT 355		11.96	.09	.36	T	.01		.05	.08	.06	.10	.05	.14	.23	.17	.22	3.38	5.20	.18	.40	.17	.18	.04	.08	.07	.02	.02	.03		T		T	.63
WAIAHULI 281		12.17	.40	.42	.02		.09	.05	.14	.12	.13	.44	.06	.25	.35	.15	.73	7.28	.18	.32	.64	.15	.10								.09	.06
HOLUA CABIN 258.5	A	3.22		.49				T						.47												2.24		.02				
HONOKOHAU 480	A	6.40																														6.40
HONOKOHUA 493	A	2.22	.05	.22				.07	.10	.10	.07	.25	.11		.35		.10			.02		.75	.03									
HONOMANU GULCH 341	A	5.10																														5.10
KAANAPALI AIRPORT		.29		.02						.01	.01	.02	.15	.04			.03	T				T	T					.01				T
KAHOMA INTAKE 374	A	3.68																														3.68
KAHULUI WSO 398 AP	R	.54	T	T				T	T	.01	.01	.03	.01			T	.07	T			T											.41
KAILIILI 436	A	6.06																														6.06
KAILUA 446		9.86	.35	.93				.30	.05	.25	.13	.62			.43	.30	.90	.22	.24			3.10	.38	.30	.10			1.3				1.04
KAVAULA INTAKE 375	A	1.22						.38							.28							.25						31				
KEAHUA 410		.08	T	.01							.02	.02	.02									.01										
KEANAE 346	A	12.70																														12.70
KEAWAKAPU BEACH 260.2		.02										T					.02											T				
KIHEI 311		.01																		.01												
KIPAHULU 250		12.61	.49	.55			.24		.08	.06	.31	.35	.16			.35	.68	6.62	.15	.60	.71	.36	.26	.14	.26	.24						
KULA HEIGHTS 323.2	V	1.62	1.28										.05						.04	.20		.05										
KULA SANATORIUM 267		1.07		T		.04	.03	.09				.01		.05	.03	T	.34	21	.01	.03		T						T	.01	.14	.02	.04	.02
LAHAINA 361		1.66		.04													T											1.61				.01
LAUNIUPOKO INTAKE 376	A	1.70																														1.70
LAUNIUPOKO VILLAGE 372	A	.00																														
LUPI UPPER 442	A	8.10																														8.10
MAHINAHINA 466	A	1.32	.07	.07						.07		.04	.35	.05			.22					.30	.15									
MAKALELE FIELD 60 497	A	1.57						.35							.67							.55										
OLINDA 332	A	1.44	.05					.13		.05	.31						.24					.38							17	.03		.08
OLOWALU 296		.07		.07																												
PAAKEA 350		16.81	.78	1.36	.01	.27	.09	.03	.26	.50	.62	1.02	.13	.37	33	1.09	1.51	.96	.52	2.14	.49	1.47	.50	.64	.17	.01	.12	.73	.06				.63
PAIA 406		.69	.04	.07	T	.01			.05	.04	.07	.05	.13	.01			.06	.03		.06		.06	.01									
PANILEIHULU 259.2	A	9.05															.25	.05														9.05
POHAKA BRIDGE 307.2	A	.43		.03									.02																			.08
POLIPOLI SPRINGS 267.2	A	10.04																														10.04
PUOHOKAMOA 2 343	A	15.60																														15.60
PUUMENE 396		.03		T								T	.01				.02															
SPRECKELSVILLE 400.2		.22	.01	.02					01	.02	02	.02	.07	.01				03	T			.01										
TWIN GATES 261.3	A																															
UKULELE 333	A	2.52															1.02															1.50
UKUMEHAME 301	A	.05		.05											.03																	
ULUPALAKUA RANCH 250		2.77		.10	.07			1.41	.06								07					.51	03						.02		.08	.39
WAHIKULI 364	A	.97												.12														75				
WAIEHU CAMP 484	A	1.86							.03	.04	.03	.05	.11	.03			T	1.47	T	.02		.05										.03
WAIHEE VALLEY 482	A	2.01							.22	.13	.04	19	14	08			T	.71	T	10		.20										.20
WAIKAMOI 449	A	10.90																														10.90
WAIKAMOI DAM 336	A	11.24	.50		.02			.50	.36	.51	4.10						.65					4.31								23	.01		.05
WAIKAPU 390	A	.62		.13									.05				11	.25														.08
WAILUKU 386	A	.51							.01	.01	T	.04			.01			.37	T			.02										.05
WAIOPAI RANCH 256	A	3.51															1.70		1.81													
ISLAND OF HAWAII																																
AHUA UMI 75	A	2.20																														2.20
AHINI 182.1	A	22.90													22.90																	
CITY OF REFUGE 27.4		3.48	T	.25	.04	T	.30		T			T	.15	.01			.08					.12	.10	.10	.52	.85	.05	.05	.02	.01	.04	.50	.29	T
EAST HONOKANE 183.2	A	.37																														
HAINA 214		1.38							.01	.03		.80	.01				.01		.05	.08	.13	.24	.02									
HAKALAU 142		9.79	.22	.39	.04	.37	.27	.06	.07	.32	11	26	.17	.16	.19	1.25	.09	.15	.23	3.45	.56	.23	.60	.19	.06		.24	.05	.05	.01			
HALEMAUMAU 52	A	.80															.80															
HALEPIULA 117	A	1.93																														1.93
HALEPOHAKU 111	A	.98										.05		T	.02	.18	.17		.21	.15	.20	T					T					
HAWAII VOLCNS NP HQ 54		6.50	.03	.05	.02	.30	.16	.05	T	.26	.07	.48	.04	T	.14	.23	.38	.24	.40	.60	.24	.70	.60	.61	.14	T	.07	25	.18	.12	.07	.07	T
HAWI 168	A	1.30	.08	.04				.04				.14			.07	.11	.01	.01	.02			.18	.22	.08	.02				.28				
HILO COUNTRY CLUB 86.6		12.95	.06	.11	T	.96	.48	.03	.32	.14	.19	1.51	.11	.14	.12	.65	.12	.36	1.12	1.90	1.30	1.06	1.20	.67	.09	.02	.05	.03	.12	.06		.03	
HILO WSO 87 AP	R	8.07	.44	.05	.10	.35	.18	.08	.21	.30	.24	.14	T	.05	1.48	.26	.82	.24	1.09	.46	.51	.26	.12	.07	.02	.07	.30	.15	.08	T			
HOLUALOA 70	A	3.49																												T		3.49	
HOLUALOA BEACH 68	A	2.99	T	T		T			T		.70								.10			.18		1.25						.30		.46
HONAUNAU 27			.13	.09				.37				.02			.17								6.05	.59	1.65	.61			.83			
HONOMUNA 137		9.99	.11	.21		.41	.42	.08	.17	.37	.23	.97	.20	.04	.22	1.14	.09	.11	.23	3.40	.41	.18	.49	.22		.08	.07		.04	.10			
HONOKANE 181.1	A	4.80			T										4.80																	
HONOMU MAUKA 138		13.61	.29	.62	.03	.29	.60	.15	.26	.21	.30	.67	.30	.30	.48	.84	.25	.22	.86	3.72	.81	.71	.13	.53	.05		.11	.02	.14	.72			
HONUAULA 71	A	2.00																													2.00	
HUALALAI 72	A	1.86																													1.86	
HUEHUE 92.1	A	1.46						.12																					.26	.38		
KAALA IKI 12	A	2.39			.01	.04	.12														.28			.09			.01	.31		.67		.09
KAAWALOA 29	A	4.95	T	.10	.04			.15							.33		.09	10				.69	.10	.74	.72	.32				.32	.53	.74	
KAINALIU 73.2		6.47	.03	.30	.03			.07				.04	38	.05	T		.10	.58		10	.93	.21	.55	.56	.51	.26	.01	.05	T	.37	.36	.86	.01

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1974

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																															
[illegible]	4.63	.03	.45	T		.22	.01	.02	.04	.06	.10	.19				.48	.49	.53		.29	.19	.02	.10	.19	.07	.04	.30	.37	.15	.06	.10	T	
[illegible]	1.62						.01							.24							.06							.32				
[illegible]	1.74		.01			.62					.38	.16	.02			.58			.05	.05	.02	.05	.01	.15				.28				
[illegible]	3.47						.76						.60								1.84							.77				
[illegible]	8.53						1.97							2.56							2.92									1.15		
[illegible]	8.87			1.08							3.90							1.82							1.84						.23
[illegible] 92	1.54	.33	.54	.04	.30	.34	.01	.12	.33	.31	.25	.03	.06	.17	1.23	.12	1.08	.65	1.60	.64	.46	.79	.20	.05	.11	.01	.37	.23	.06			
[illegible]							.40							.43							1.20							2.30			.4	
[illegible]																																
[illegible]	3.38																													3.38		
[illegible]	.2.54	.14	.26		.29	.36	.01	.11	.36	.21	1.06	.15	.15	.14	.87	.24	.41	.72	3.10	1.28	.73	.32	.66	.09	.06	.15	.18	.07	.41	.03	.01	
[illegible]	1.46	.06	.03				.06		.02		.35			.15	.13		.07	.05			.17	.18	.15						.06			
[illegible]	.11	T	.01		T	.04	T	.01		.01	.18	.05		.02	.10	T		.05	.03	.04	.33	.19	.04	T					.01			
[illegible]	1.55			.50							1.05							.67							1.20						.03
[illegible]	3.89	.05	.03													.06	.15				.98	.0.	1.92	.14				.11	.13	.24	.05
[illegible]	.07														.05												.02				
[illegible]	2.60						T	.04	.18		1.31	.09	T			.01		.06	.54	.08	.26	.04										
[illegible]	1.29								.03		.55	.03	.32			.01		.05	.04	.07	.16	.02										
[illegible]	1.17										.42			.13	.01	.03					.50	.01							.01			
[illegible]	7.68				.35	.12			.15	.06	.43	.09	.02	.21	.35	.14	.60	.65	.93	.37	1.10	.65	.67	.15		.12	.16		.16	.09	.07	.04
[illegible]	1.65			.15						.20	.05				.25		.05	.35	.30	.20	.10										
[illegible]	4.84				.18							1.22							.54							2.00						
LANIHAU 68.2	9.56			.14	.60									.05		.07	.03	.10	.70	.11	.81	.13	1.61	.41	1.40	.51	.91		.29	1.16	.26	.06
MAKAHALAU 103	.95										.28					.10	.34				.25											
[illegible]	7.90		T	.40			.50				.40			.40				.80			4.00	.20	.10					.80		.20	.10
[illegible]	.6													.03		T	T	.12	.01	T											
[illegible]	5.97														.46			.60	.60												.31
[illegible]	3.14																.28				.97			.57					.70	.82	
[illegible]	1.35																												1.35			
[illegible]	1.19																															1.19
MOUNTAIN VIEW 91	13.76	.54	.29	.02	.49	.56	.02	.45	.62	.51	.99	.04	.07	.20	.73	.21	.66	.78	2.45	1.00	.70	1.31	.37	.08	.09	.01	.30	.19	.35	.02		
[illegible]	1.40			T	.04										T	.30	.07	.11	.52	T			.05	.03		.03	.18		.06		.01	T
[illegible]	4.85						1.19							.21							1.79								1.66			
[illegible]	.84		.02				.02	.02			.20			.14	.13			.07			.12	.12										
[illegible]	4.27	.01						.11	.31	.02	1.12	.28		T	.04	.03	.10	.02	1.39	.39	.28	.11	.05	.01				T				
[illegible]	6.32	.02	.01	T	.67	T	.17		.07	.08	.13	T	T		.12	.03	T	.22	.83	.20	.12	.15	.45	1.08	.02	.13	.10	.26	.46	.65	.08	.17
[illegible]	16.48						2.95							1.56							6.31								1.66			
[illegible]	.47								.07		.96			.02							.34	.02										.06
[illegible]	1.44							T	.4	.01	1.12	.05	T			.01		.03	.36	.06	.13	.03	T									
[illegible]	1.91				.09						T					.61	.23	.02	.07	.05		T						.29	.02	.46	.01	.04	.02
[illegible]	13.61	.25	.85		.24	.28	.01	.20	.31	.39	1.27	.04	.07	.20	.73	.49	1.42	.59	1.48	.60	.42	.42	.45	.33		.02	.56	.35	.04			
PAKAO 37	10.10																															10.10
PHENTROL 144.1	9.75	.43	.36		.31	.39	.07	.07	.24	.50	.44	.20	.14	.20	.88	.43	.20	.74	1.80	.87	.21	.10	.23	.05	.01	.28	.16	.21	.22			
PHPHTOL [illegible]	12.70	.10	.24		.63	.32	.18	.26	.27	.53	1.04	.15	.37	.41	1.01	.23	.21	1.02	2.45	1.78	.24	.31	.29	.01		.11	.04	.05	.46			
PIIHONUA 89	15.40																															15.40
[illegible]	1.68					.10												.47		.47												.04
[illegible]	.10												.02			.01			T				.05			.01	.01					
[illegible]	1.66																															1.66
[illegible]	2.45																															2.45
[illegible]	4.60																															4.60
[illegible]	1.57																															1.57
[illegible]	5.42	5.42																														
[illegible]	1.89		.06				.08				.10	.03	.12	.06							.01	.40	.07						.10	.87		
CASTLE ROAD 1.84	13.55		.76							1.50							3.40							7.15						.80	
[illegible]	.47																			.45							.02				
[illegible]	2.44						.04		.04		1.27			.22		.14	.03				.68	.03										
[illegible]																																
[illegible]	14.37	.14	.21	.02	.44	.33		.26	.23	.31	1.41	.09	.13	.32	1.40	.12	.36	.82	2.60	1.24	1.02	1.81	.36	.02	.06	.06	.32	.31				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND		2.11	.21		.61	.06			.08			T	T	.1	46	8	T	T		.4	.1		.1				1		.4	.1		.05
FAGA ALU RESERVOIR		11.24	.50	10	.16	.50			.60	10		.35	.6						.15		.60			.3	.2	.3			.60	.80	.90	3.70	.60
JOHNSTON WSO AP	R	.87	.06		T	T	.11		T	T	.11	.0		.3			.3	.08			.17	.0			.4	.6				T			
LEONE		7.70			.01	.03	.47	.18	.20		.08		.0		.02	.40					.1.05	.01			.5	.40	1.6				.1.05	.15	.35	.25
FRENCH FRIGATE SHOALS		.77							.05	.06	.03	.02	.08		.2		.11			.04	.1	.2				.4	.1				.2			
LUMA VILLAGE		9.60	1.57	.07	T	.20		.05	.04				.11	.2	.1.3	.35							.2	.2	.5	.4	1.4	.2	.1		.24	.1	.2	.18
MIDWAY SAND ISLAND		10.21				.03	.05	T				.01			.01		.11	.70	.1.3	.1	.73	.03	3.27	.6	.1	.4	.3							
PAGO PAGO WSO AP	R	8.07		T		T	.11	.10	.06	T			.15	.2	.11	.7						.02		.17	.1	.7		.5	.2			.1	.2	.21
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-		-																				
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM		8.89	.03		.2.32	.04	.16	.03	.05	T	.21	T	.04		.1		T	.18	.2.77	.55	.4.	.10	.43	.1.61	.4	.17	.6	.3	.5	.1.	.15	.06	T
CLARK AFB LUZON		4.20	T	.04							T	T			T			.01	T		.1						.4	T	.5	.73	.1	.6	.19	.41
GUAM NAS		13.22	.04	.01	.5.71	.10			.38	.01	.05	.31	.08	T		.07	T	T	.12	.3.50	.50	.07	.07	.39	.24	.80	.6	.04	T	.2.	.20		T	.07
GUAM WSO	R	12.00	.07		4.34	.07		.02	.08	.04		.01	.26		.2.2		.01	.37	.2.11	.01	.33	.06	.46	.69	.09	.28	.02	.09	.19		.6		.02
MANGILAO		14.14		T	1.80	2.38	.76		.21	.06	.08		.34	.11	.3.6	.13	.01	.31	.21	.2.1	.1.32	.12	.47	.54	.12	.14	.81	.7.	.14	.25		.08	
ROTA		12.19	.02		5.25	2.92			.06	T		.05	.06	.17	.11		.15	.91	.20	.53	.50			.18	.16		.15	.14				.08	.16
SAIPAN USCG LORAN		5.31	.14	.01	.32	2.63	.05		.13		.04			.03	.15	.03	.11	.13	.02	.08	.08	.1.			.5.				.03				.69
WAKE WSO AP	R	.96	.01	.01		.04		.08		.04		.08	T	.02	T	.05	.27	.0.	T			T		T		T		.20	.07		.01	.06		
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		15.19				.50		.01	.17		.10	.16		.18	.5.6		1.58	.05		.58			.2.70						5.64	.1.40		.16	.18
ENIWETOK		5.45	.05				.03	.11		.10	.19	.17		.05	.01	.88	1.16	.11	.52	1.10	.01		.02	.17		.26			.14	.27			.44
FALALOP I. ULITHI		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	8.10	.02			T				.13	1.46	.28	T	.0	.23	.28	T	.14	.65	.39	.06	.34	1.38	.18	.04	.01	.4	.19	.58	.9.	T	.07	.68
KWAJALEIN WSO AP	R	11.84	T		.03	.10	.75	.84	T		1.63	.08	1.25	T	.34	1.92		.01	.18	T			1.1	1.13	.21	T	T	.1	.48	.99	.14	.04	1.16
LELE I. KUSAIE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAJURO WSO AP	R	12.84				.39	.04		T	.01	.28	.68	1.34	3.12	.01	.42	.04	.30	T	T	.60	.1.		.09	.44	.26	.5	1.20	.66	.0.	.20	.6	.17
METALANIM		-		.24	.90	.70	4.16	.08	.01	.02	.37		.13	.21	.2.20				.69	.36	.70	.2.02	1.32	.01	1.1.	.35	1.26	.1.							
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG, BABELTHUAP			L		.33					.07	.24	.0.	.8		.38	.70	.08	.05		.44	.3.	.23	.28											
PONAPE WSO	R	16.74			.66	.33	.09	T	.03	.23	.12	.05	.43	1.13	.27	1.73	1.02	.30	.28	.48	.10	T	.1.	.03	.98	.15	.84	1.72	.24	.02	2.1.	1.95	.77	.20
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	13.47	.02	.01	.06	.39	.07	.06	.31	T	.02	.08	.44	.22	.02	.01	T	T	1.31	2.75	.64	T	T	2.18	.3.	.4.	.02	1.6	1.30	.42	.44	.43	.48
WOLEAI ATOLL		-	-	-	-	-																											
YAP WSO AP	R	9.77							.25	T	.01	.24	.06	.20		2.60	.01	.57	1.	.19	.01	.01	1.13	2.57	.04	.17	.03	.54	.18	.20		.62	.01

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
x x x																																	
ISLAND OF KAUAI 0																																	
KANALOHULUHULU 1075	MAX	72	71	72	73	70	69	68	70	68	62	65	68	70	73	68	68	70	70	73	72	73	71	71	72	71	72	71	72	68	70	72	70.2
	MIN	57	54	48	53	54	50	53	55	56	55	54	54	56	54	52	48	56	55	56	56	56	53	48	51	46	51	50	48	51	53	48	52.7
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	82	83	82	82	83	83	83	84	81	82	82	83	80	81	82	82	82	82	82	83	82	82	82	82	82	82	83	82	82	80	82	82.1
	MIN	73	70	68	70	73	73	72	73	72	72	70	74	70	69	68	66	73	74	75	75	75	75	75	75	71	70	70	70	70	71	70	71.7
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	87	87	85	85	85	86	87	87	88	87	84	84	85	84	80	84	84	82	84	86	86	86	84	87	85	85	86	86	87	87	87	85.7
	MIN	65	64	62	64	62	64	64	61	62	65	63	62	61	65	66	66	65	64	65	65	63	65	66	65	65	64	64	68	70	70	67	64.6
NIU RIDGE 1035	MAX	81	80	81	80	81	80	81	82	83	82	81	82	80	81	82	81	80	80	81	82	82	81	81	82	80	82	81	82	83	82	81	81.2
	MIN	63	60	60	58	60	59	62	64	61	63	61	60	59	62	62	60	63	61	60	61	62	61	61	62	61	63	60	63	65	64	61	61.4
WAIAHI LOWER 1054	MAX	82	80	81	81	82	81	81	81	80	77	79	78	80	77	78	78	78	78	78	79	80	80	78	80	80	82	84	84	82	78	77	79.8
	MIN	67	64	60	61	63	61	63	61	64	63	59	61	65	65	62	58	65	63	64	64	65	66	64	62	62	61	60	60	61	64	64	62.6
x x x																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	84	83	84	84	84	84	84	83	82	81	82	82	82	81	81	81	83	82	83	82	83	84	83	84	82	83	84	85	85	86	80	82.9
	MIN	71	71	73	70	72	68	73	74	73	71	72	71	73	70	67	64	72	73	72	72	74	72	72	74	72	72	67	69	70	70	71	71.1
EWA PLANTATION 741	MAX	85	84	83			86	84	83	83	82			83	82	82	84	84			84	84	84	83	86			86	86	86	85	84	84.0
	MIN	69	66	63			64	66	67	68	68			65	69	65	64	66			68	66	68	69	66			63	66	64	67	67	66.3
HONOLULU WSO 703 AP	MAX	86	85	87	88	88	87	85	86	85	85	84	85	84	85	84	84	85	86	86	86	87	86	87	87	85	85	86	86	86	85	85	85.7
	MIN	72	70	66	68	72	73	73	71	72	71	70	70	73	71	68	66	73	73	73	74	73	73	73	70	66	68	66	68	70	70	70	70.6
HONOLULU SUBSTA 704	MAX	80	79	80	82	82	80	78	79	78	78	78	80	79	80	78	80	81	81	79	81	82	80	82								83	80.0
	MIN	70	71	71	72	73	72	69	69	71	69	70	71	72	72	69	70	72	71	70	71	72	70	71	71							68	70.7
KANEOHE MAUKA 781	MAX	83	82	78	83	84	82	83	81	81	79	80	79	81	80	80	78	80	80	82	80	80	80	79	83	87	83	84	84	85	83	81	81.5
	MIN	72	70	69	70	72	71	72	72	72	69	70	71	72	71	68	65	67	70	73	72	73	73	69	70	69	71	69	69	70	69	70	70.3
LUALUALEI 804	MAX	82	80	80	82	82	84	81	80	79	78	80	80	82	83	82	84	80	82	80	84	86	84	84	85	85	82	88	85	84	83	83	82.4
	MIN	71	65	61	61	63	66	64	66	71	68	67	62	67	65	63	62	68	69	70	73	71	72	70	67	61	62	66	66	64	67	68	66.3
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	78	78	76	83	84	80	80	76	76	72	75	74	75	76	80	79	79	82	82	79	80	79	80	79	79	82	85	80	80	80	82	78.0
	MIN	67	68	64	66	67	63	67	67	67	67	66	69	65	67	63	66	63	65	69	67	67	65	67	63	67	65	63	65	66	65	63	65.8
PRI WAHIAWA 820.2	MAX	84	81	80			86	84	83	82	79			82	82	84	82	77			83	82	85	83	86					89	83	80	
	MIN	68	66	62			62	65	65	67	66			63	63	65	61	61			64	56	66	67	62					62	66	66	
WAIALEE 806.3	MAX	82	81	81	81	83	84	82	81	82	80	80	81	81	81	80	83	82	81	81	80	81	82	82	83	82		85	85	85	85	83	82.0
	MIN	70	70	69	70	68	69	71	73	72	70	70	69	70	70	67	67	70	70	70	70	69	68	71	69	67		68	70	69	71	71	69.6
WAIALUA 847	MAX	85	83	83	87	87	87	85	83	84	80	81	83	83	83	85	80	85	83	84	83	83	85	82	84	84	86	83	88	85	84	81	83.8
	MIN	65	65	62	62	62	62	62	64	66	65	65	64	63	65	66	62	65	66	66	66	64	65	66	61	62	61	64	64	63	65	66	64.0
WAIKIKI 717.2	MAX	87	85	84	86	88	87	86	85	85	84	85	85		83	84	84	86	85	85	85	86	86	85	87	87	87	86	87	87	87	88	85.9
	MIN	69	64	63	65	67	68	67	67	69	67	64	75	69	70	65	61	68	68	69	70	69	73	72	68	66	68	65	68	68	68	69	67.7
WAIMANALO EXP FARM	MAX	82	81	81	82	83	83	83	81	81	81	80	81	81	82	81	81	81	81	80	81	81	82	82	83	83	85	84	84	83	84	82	81.9
	MIN	71	71	70	72	72	72	69	71	70	69	70	70	71	72	67	64	68	72	72	71	73	73	73	72	73	66	67	72	69	70	68	70.3
x x x																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX																																
	MIN																																
x x x																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	80	77	74			77	75	75	75	74	70	72	75	75	84	80	77	73	72	76	76	77	78	77	77	75	74	81	77	78	78	76.2
	MIN	66	66	59			64	60	65	65	63	59	61	63	63	64	62	60	64	65	62	64	64	62	62	63	60	63	60	61	61	61	62.5
x x x																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	63	62	62	62	61	61	62	63	60	60	60	60	60	60	59	61	62	61	61	59	61	64	63	61	58	57	61	60	64	63	65	61.2
	MIN	44	45	44	38	42	40	40	43	43	46	42	38	41	46	43	41	45	44	46	44	44	45	41	39	38	40	42	45	44	43	43	42.6
HALEAKALA SUMMIT 338.4	MAX	51	52	55			58	54	50	51	54			53	48	47	50	55			53	50	53	56	54				59	56	60	58	53.5
	MIN	36	36	36			38	35	36	36	38			37	38	37	37	37			38	38	36	42	38				38	38	40	40	37.6
HANA AIRPORT 355	MAX	84	84	83	83	85	84	84	83	84	84	82	83	83	80	78	73	82	83	83	83	82	83	83	83	83	83	85	85	82	84	87	82.8
	MIN	68	68	62	66	69	66	68	68	68	67	66	65	68	72	69	67	68	66	68	69	70	70	69	66	71	71	71	69	66	64	70	67.8
KAANAPALI AIRPORT	MAX	86	83	83	83	84	85	84	83	83	83	78	83	84	80	80	83	82	84	85	84	84	85	85	85	84	83	84	83		85	82	83.3
	MIN	71	68	64	66	70	70	70	68	71	67	68	65	66	69	69	67	68	68	71	71	72	70	69	66	66	65	69	68	69	68	68	68.3
KAHULUI WSO 398 AP	MAX	85	86	85	87	88	86	86	86	86	82	83	85	83	84	84	85	84	85	84	84	84	85	84	87	87	86	87	86	85	83	82	85.0
	MIN	72	68	68	63	64	68	70	71	71	68	68	63	67	69	69	64	68	68	69	70	70	71	64	60	61	61	65	64	63	62	70	66.5
KAILUA 446	MAX	76	76	76			77	78	76	75	76			77	73	74	75	75			75	75	76	75	75			80	79	80	80	80	76.5
	MIN	66	66	62			63	67	65	65	63			63	67	66	65	66			65	67	67	67	68			65	64	64	64	64	65.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
KEAWAKAPU BEACH 260.2	MAX	88	88	87	86	89	86	89	90	91	91	87	88	89	84	82	86	86	90	88	90	92	89	89	87	88	87	88	86	87	89	88	87.9
	MIN	64	65	59	63	62	61	63	65	65	64	64	61	65	67	66	65	64	65	64	65	63	66	66	62	64	65	69	67	67	64	65	64.4
KULA SANATORIUM 267	MAX	74	72	73	70	69	72	72	73	73	72	69	72	72	72	68	72	72	72	71	73	74	72	73	71	72	71	73	70	72	70	72	71.7
	MIN	57	57	54	55	57	55	56	57	57	58	58	55	56	59	62	56	57	58	58	59	58	59	58	56	57	58	59	59	58	57	58	57.4
LAHAINA 361	MAX	87	86	86	86	86	87	87	87	86	83	85	85	81	83	86	85	85	85	86	88	86	85	86	86	85	87	85	85	89	86	87	85.7
	MIN	69	70	65	66	66	66	69	69	69	67	67	65	68	70	70	67	67	67	67	66	67	70	69	66	66	66	67	68	68	68	68	67.5
WAILUKU 386	MAX	80	80	80			83	80	80	80	80			80	78	80	80	81			81	81	82	81	81			86	84	84	82	82	81.1
	MIN	70	69	65			66	69	69	69	67			67	72	71	66	66			69	71	71	70	69			66	68	68	68	69	68.5
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	81	80	81	82	81	81	82	80	80	81	78	82	80	80	78	82	80	79	78	78	80	80	81	82	81	82	83	84	83	84	83	80.9
	MIN	68	65	63	65	64	65	66	67	68	65	63	66	65	69	66	65	65	64	65	64	67	68	68	65	65	66	67	66	65	67	65	65.7
HAWAII VOLCNS NP HQ 54	MAX	70	69	69	69	70	70	68	69	67	70	63	68	69	68	63	66	68	70	65	69	68	69	68	69	68	69	63	68	71	72	72	68.3
	MIN	52	54	46	53	53	51	52	52	52	53	51	51	59	55	52	51	55	55	53	53	53	54	51	58	53	53	53	55	50	52	52	52.8
HILO WSO 87 AP	MAX	81	82	82	84	83	81	80	81	81	78	81	81	82	78	78	83	79	81	81	80	82	81	83	83	81	81	82	85	85	85	85	81.6
	MIN	65	66	62	65	66	65	66	65	66	66	63	67	68	68	68	67	68	67	68	66	64	68	65	65	67	67	66	67	65	64	65	66.0
KAINALIU 73.2	MAX	79	79	77	79	78	76	79	77	80	77	76	77	77	77	75	76	77	78	77	77	77	78	75	75	75	76	76	76	76	76	74	76.8
	MIN	63	61	60	63	64	61	62	62	62	62	60	59	62	65	61	61	63	65	63	62	63	63	63	64	63	62	65	64	63	60	63	62.4
KAMUELA 192.2	MAX	75	73	75	72	75	72	73	72	72	70	71	72	72	74	71	77	74	71	70	71	72	70	72	71	72	75	78	76	75	78	77	73.2
	MIN	57	58	57	55	58	59	57	58	56	57	56	58	56	57	54	54	57	58	58	57	58	56	58	57	54	57	57	59	54	51	52	56.5
KEAAU 92	MAX	80	80	80	81	81	81	80	81	78	80	75	80	80	81	76	76	80	80	79	80	80	80	81	80	80	80	78	81	82	83	84	79.9
	MIN	65	65	62	64	63	64	64	64	64	64	62	62	65	66	65	63	66	65	65	65	65	64	64	64	64	66	64	64	63	62	62	64.0
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	79	80	79	80	80	79	79	80	78	80	77	79	79	80	76	81	80	80	79	78	79	79	80	80	81	81	86	84	84	84	82	80.1
	MIN	68	67	62	66	67	68	66	67	68	65	64	65	66	67	65	66	67	67	67	67	68	69	68	67	64	67	68	67	64	65	65	66.4
KONA (KAILUA) 68.3	MAX	83	84	83	83	82	85	82	82	82	84			82	83	81	83	81			85	82	83	83	81				84	83	82	79	82.6
	MIN	70	68	67	68	70	69	68	70	68	70			67	72	68	69	70			70	69	68	69	68				68	71	67	69	69.0
KULANI CAMP 78	MAX	64	61	64	63	64	60	61	61	63	64	57	61	60	61	61	65	61	62	62	63	63	64	61	62	62	65	65	63	64	66	65	62.5
	MIN	49	45	42	50	46	47	46	58	48	44	46	44	50	53	49	46	52	52	50	47	46	50	46	42	49	49	48	46	45	46	48	47.7
MAUNA LOA SLOPE 085	MAX	53	49	48	52	50	51	53	57	55	48	49	47	48	43	48	48	46	43	48	52	52	51	54	53	50	49	52	54	52	52	50	50.2
	MIN	34	34	30	32	34	33	34	38	36	36	36	34	35	35	36	33	32	34	32	33	32	34	38	36	34	36	38	36	38	36	36	34.7
MOUNTAIN VIEW 81	MAX	75	73	76	78	78	78	73	72	72	72	73	73	73	76	65	67	76	76	76	76	75	76	77	78	76	76	76	76	78	82	82	75.2
	MIN	62	60	58	59	59	58	57	58	58	58	58	58	58	57	57	57	60	59	59	59	60	60	58	57	59	59	59	60	59	59	59	58.7
NAALEHU 14	MAX	80	77	78			79	78	78	78	80			78	79	75	78	78			78	78	79	80	78	78		79	79	80	80	78	78.8
	MIN	67	67	64			62	65	67	67	68			64	69	66	66	66			65	67	68	66	66	67		68	67	67	67	67	66.4
OOKALA 223	MAX	81	81	81	79	80	80	80	80	78	81	78	74	80	80	77	81	80	79	79	80	80	80	80	78	80	83	80	82	81	82	82	80.0
	MIN	68	67	65	62	76	68	66	65	67	66	65	58	68	67	67	66	64	65	67	68	67	68	68	67	66	67	69	69	67	66	66	66.6
OPIHIHALE 2 24.1	MAX																																
	MIN																																
PAHALA 21	MAX	82	80	78	78	78	79	79	80	81	81	76	79	78	79	75	78	78			79	80	81	80	78			78	78	79	80	78	79.0
	MIN	61	62	58	62	62	60	60	61	62	64	61	61	61	66	62	62	62			61	61	61	63	58			61	64	62	62	61	61.6
PUAKO 95.1	MAX	88	87	86	86	84	86	84	85	84	86	84	84	84	82	79	83	83	86	86	87	86	87	84	83	82	85	84	83	83	82	83	84.4
	MIN	73	68	65	70	71	71	71	71	72	73	68	67	70	71	66	67	70	72	71	72	73	69	69	66	66	68	70	73	68	67	67	69.5
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	88	89	88	89	90	91	87	88	92	89	87	91	87	90	88	91	91	89	88	90	88	85	90	87	88	91	89	90	91	87	88	89.0
	MIN	77	76	77	74	76	78	75	77	78	77	79	79	76	76	76	77	77	77	77	78	76	76	77	78	77	79	77	77	78	80	76	77.0
JOHNSTON WSO AP	MAX	81	83	83	83	82	81	81	82	79	81	82	80	81	82	82	83	83	83	82	82	83	84	83	83	82	83	82	85	83	83	84	82.3
	MIN	74	76	74	76	71	76	76	76	72	74	73	75	77	76	75	74	77	76	77	73	77	74	75	77	76	76	77	77	77	77	77	75.4
LEONE	MAX	89	90	90	90	87	88	88	90	85	88	88	88	91	88	91	90	96	88	87	88	90	87	87	89	87	85	86	86	93	85	83	88.6
	MIN	79	81	84	78	82	81	80	83	85	79	77	82	75	84	84	86	81	86	85	79	80	81	80	84	76	80	79	76	80	81	80	80.9
FRENCH FRIGATE SHOALS	MAX	83	83	84	80	88	85	85	86	85	83	84	82	84	83	84	81	83	81	82	83	83	83	83	83	83	83	85	88	81	83	86	83.5
	MIN	78	73	71	72	72	70	70	70	72	72	76	72	74	74	73	72	74	73	74	75	76	75	73	76	72	71	78	75	74	71	70	73.2
MIDWAY SAND ISLAND	MAX	76	74	76	78	73	74	75	75	77	77	74	75	75	76	75	74	77	74	78	80	75	74	76	74	73	74	74	75	75	76	78	75.5
	MIN	65	65	68	67	65	64	68	69	69	67	66	66	67	66	68	67	70	69	70	73	70	68	70	68	66	66	68	68	69	68	71	67.8
PAGO PAGO WSO AP	MAX	85	86	85	87	85	84	84	85	85	85	83	84	86	84	85	86	84	85	85	87	85	80	82	84	82	83	82	85	84	84	84	84.4
	MIN	70	78	78	78	75	76	73	72	71	72	72	72	71	70	69	69	68	69	71	69	71	73	73	69	67	66	71	73	78	76	78	72.3
SWAINS ISLAND	MAX																																
	MIN																																
WESTERN PACIFIC ISL, NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	84	84	80	84	87	85	86	85	86	86	87	86	84	86	87	86	83	87	85	86	85	86	84	84	86	86	85	85	85	85	85	85.2
	MIN	75	75	75	77	78	79	77	79	79	79	79	79	77	80	80	78	75	77	78	79	77	76	75	75	77	80	78	78	78	80	77	77.7
CLARK AFB LUZON	MAX	91	90	91	95	90	93	91	91	91	91	90	88	88	91	90	90	91	91	90	84	91	91	91	91	86	88	90	82	88	86	86	89.6
	MIN	77	77	75	78	75	79	75	75	75	75	75	75	75	75	75	75	73	75	75	75	75	73	72	75	75	75	73	73	72	72	72	74.7
GUAM NAS	MAX	83	83	81	83	85	85	86	85	84	86	86	85	84	85	86	84	81	84	84	84	82	84	84	84	84	85	85	85	87	85	86	84.4
	MIN	78	78	77	78	78	79	78	78	79	78	79	80	79	78	78	79	76	77	78	78	77	77	76	76	79	79	79	79	79	79	79	78.2
GUAM WSO	MAX	86	84	80	85	88	88	87	86	86	85	86	85	85	85	86	85	82	85	84	85	84	84	86	87	86	86	86	86	86	86	87	85.4
	MIN	71	70	72	76	75	70	73	73	75	75	73	77	73	76	74	72	71	73	74	75	73	75	72	72	75	77	77	76	75	76	72	73.8
SAIPAN USCG LORAN	MAX	88	86	86	86	84	86	87	87	87	87	88	88	88	88	88	88	88	85	88	87	88	88	87	87	86	88	88	88	88	89	89	87.3
	MIN	76	72	78	76	79	77	75	74	76	74	77	76	75	77	78	80	79	76	70	74	74	73	73	74	77	78	72	76	76	79	79	75.8
WAKE WSO AP	MAX	84	84	85	85	85	85	85	85	86	84	84	84	85	83	82	82	80	80	82	84	84	85	84	85	85	86	84	86	86	86	87	84.3
	MIN	73	73	74	73	73	74	73	72	74	71	75	72	74	72	70	69	69	69	69	73	74	74	76	75	74	73	73	73	75	74	76	72.9
CAROLINE AND MARSHALL ISLANDS																															
ENIWETOK	MAX	86	86	86	87	88	87		87	86	86		85	87		85		86	87	86	86	89	89	89	88	89	89	88	88		88	88	87.2
	MIN	76	72	78	78	76	78		72	72	71		75	78		75		74	71	78	74	82	74	80	73	79	71	82	72		74	74	75.4
FALALOP I, ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	88	91	91	91	90	90	90	91	89	89	91	90	87	89	90	90	88	89	88	91	86	88	90	90	88	88	90	83	89	90	90	89.2
	MIN	76	76	76	76	75	76	76	76	74	76	78	77	77	74	74	76	76	76	76	78	76	75	78	77	76	78	76	75	76	76	77	76.1
KWAJALEIN WSO AP	MAX	86	86	85	87	86	86	87	87	86	85	84	83	85	81	86	86	85	86	88	86	87	86	87	86	88	87	87	85	86	86	87	85.9
	MIN	77	79	76	78	77	76	78	80	75	76	75	77	79	75	79	78	78	80	80	79	75	75	78	78	80	80	77	75	78	78	76	77.5
LELE I. KUSAIE	MAX																																
	MIN																																
MAJURO WSO AP	MAX	86	86	86	84	86	86	85	86	83	82	83	80	85	86	86	86	86	85	86	86	86	84	85	86	86	85	84	86	85	85	85	85.0
	MIN	77	78	78	75	78	79	78	78	73	75	74	73	78	76	79	77	76	75	77	75	78	79	76	76	79	75	75	77	77	77	75	76.5
METALANIM	MAX	83	85	87	87	87	87	88	88	88	87	87	87	87	87	84	86	84	86	86	87	86	84	87									86.3
	MIN	74	73	73	73	72	73	74	74	74	76	75	76	76	74	82	78	83	78	78	75	78	70	75									75.4
PONAPE WSO	MAX	90	83	90	90	89	89	89	89	88	90	81	88	87	83	88	82	86	90	88	88	89	88	87	89	83	89	90	87	89	85	90	87.6
	MIN	77	75	74	73	72	73	75	75	74	74	73	73	74	74	72	74	74	75	77	77	80	74	73	74	74	77	79	74	74	75	74	74.6
TRUK, MOEN I, WSO AP	MAX	86	88	87	88	87	89	89	89	88	89	86	88	88	88	90	89	87	82	87	89	89	88	89	81	89	89	88	87	86	88	84	87.5
	MIN	78	77	75	76	76	77	78	79	76	78	75	78	76	78	77	77	75	74	76	76	79	75	77	76	79	76	76	76	76	75	75	76.5
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	87	87	87	87	88	89	89	88	88	88	89	88	89	86	88	87	88	87	88	88	85	83	86	86	85	87	87	84	87	88	86	87.1
	MIN	74	74	74	74	74	73	73	75	75	74	78	76	76	69	69	75	74	75	77	77	74	74	75	75	76	76	76	76	73	75	75	74.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
x x x ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.15	.17	.22	.23	.26	.30	.27	.30	.27	.23	.26	.27	.19	.18	.22	.19	.22	.30	.28	.22	.30	.28	.28	.30	.28	.27	.30	.30	.14	.10	7.58
	WIND	42	32	23	24	29	37	37	52	56	47	34	30	28	27	25	17	29	33	42	40	36	38	32	29	34	29	21	24	23	23	14	988
	MAX	83	89	89	88	88	89	92	87	87	87	84	88	89	85	86	85	86	89	90	91	89	93	88	92	89	91	87	91	91	90	84	88.7
	MIN	63	65	63	64	65	65	65	65	65	65	64	64	66	66	62	63	65	66	66	66	66	67	67	67	64	65	65	68	67	66	65	65.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
PACIFIC																																	
x x x EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.33	.38	.38	.35	.42	.40	.37	.48	.24	.27	.33	.28	.35	.36	.34	.32	.42	.29	.47	.37	.37	.33	.32	.36	.36	.40	.38	.35	.35	.41	.41	11.20
	WIND	252	223	212	184	236	255	263	258	285	240	235	220	209	180	195	245	232	199	229	244	251	231	210	181	176	177	174	152	176	183	176	6692
	MAX	88	91	90	93	89	88	87	88	85	83	87	85	91	92	92	90	91	90	88	92	91	93	90	93	94	91	92	92	92	91	92	90.0
	MIN	73	72	72	72	73	73	73	72	73	74	72	73	72	73	73	74	74	74	74	74	73	74	75	72	72	72	72	74	74	73	73	73.0
x x x WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.17	.14	.21	.35	.34	.27	.23	.27	.26	.24	.32	.30	.19	.27	.18	.24	.07	.25	.24	.20	.11	.19	.12	.23	.31	.27	.22	.28	.27	.23	.24	7.21
	WIND	23	32	123	92	41	20	73	79	130	113	169	156	143	155	120	174	148	178	158	130	98	48	15	59	137	151	134	130	123	124	84	3378
	MAX	92	91	85	86	95	98	94	92	90	90	89	91	87	88	88	88	87	90	89	90	85	88	86	94	91	90	89	92	92	82	94	90.1
	MIN	73	73	74	74	74	74	74	73	76	73	73	72	72	74	72	73	70	70	73	73	74	73	74	73	74	74	74	73	72	74	72	73.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI 01												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	5		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5 A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2 A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL REMARKS	
ISLAND OF MOLOKAI													
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL OR NOTES	
ISLAND OF MAUI													
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		.A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE MIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL	
ISLAND OF HAWAII												
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82 A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCO 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL [illegible]	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	5	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- ~ No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.
- + And also on an earlier date or dates.
- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.
- * Amount included in following measurement, time distribution unknown.
- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.
- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- J "Supplemental Data" table.
- MO Gage read once monthly; usually on the last day.
- OC Gage readings at periods varying from a few weeks to several months.
- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.
- SS Observation time is near sunset.
- VAR Observation time is variable.
- WI Gage read weekly or irregularly only.
- WM Gage read weekly and last day of month.
- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS LANAI: 1-(NO INTRA-ISLAND DIVISIONS MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

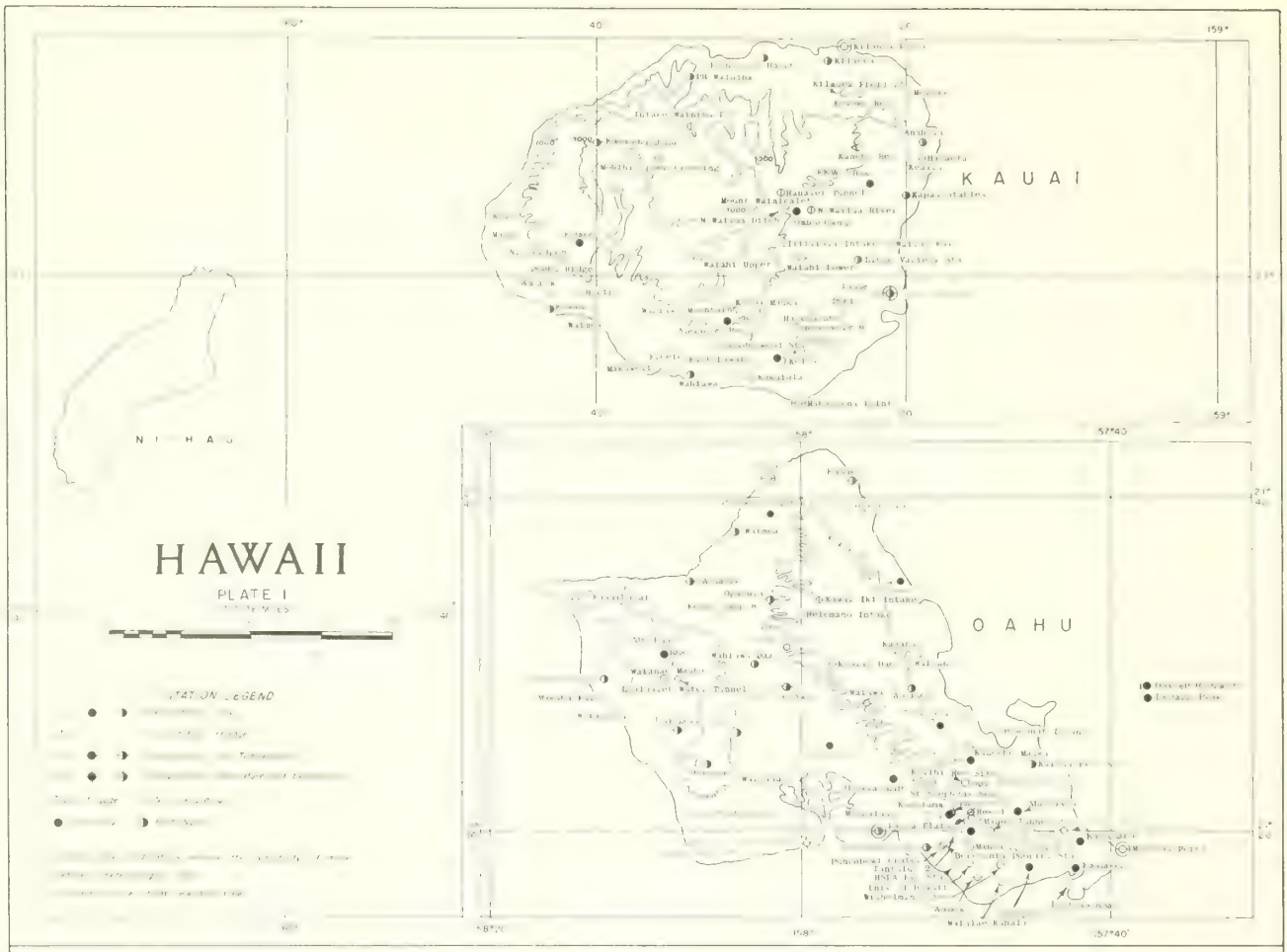
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

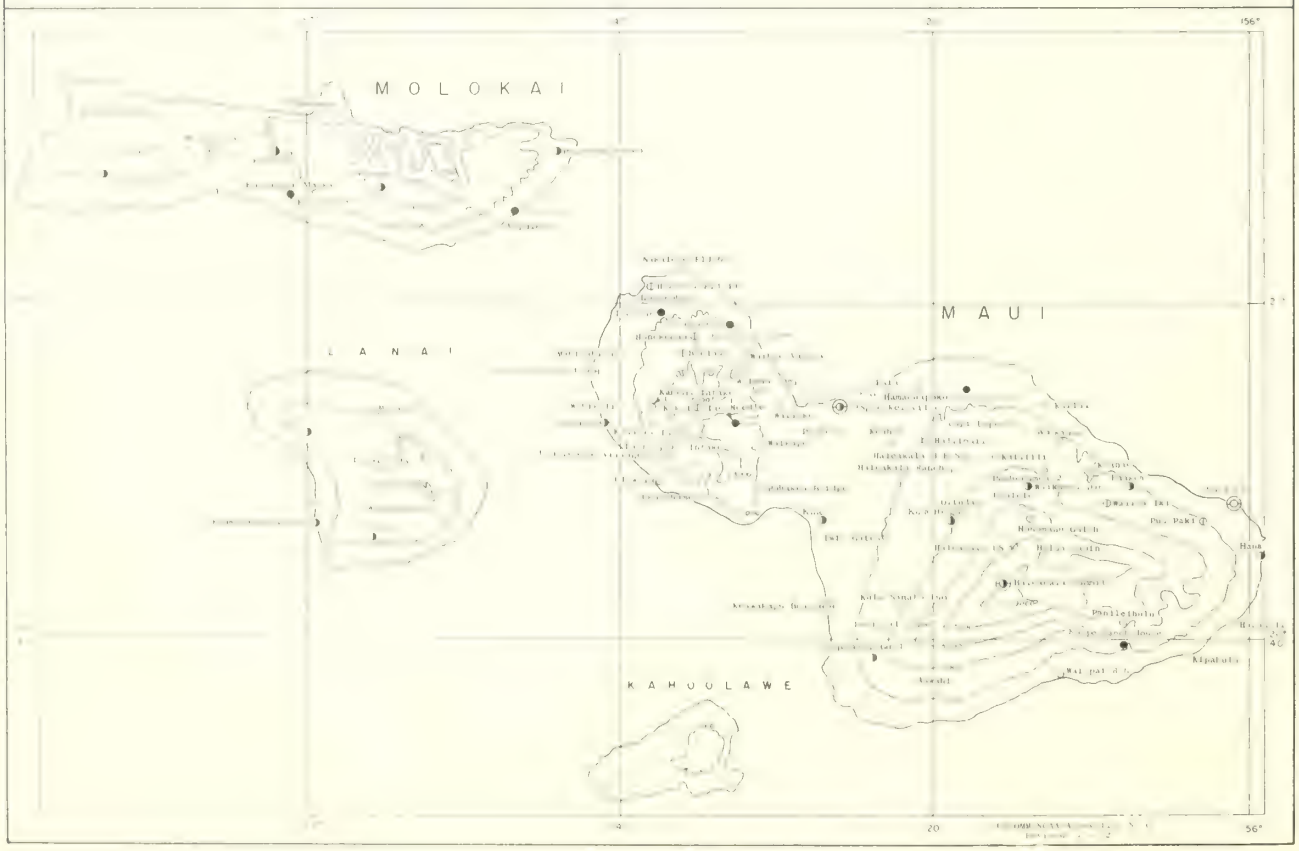
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

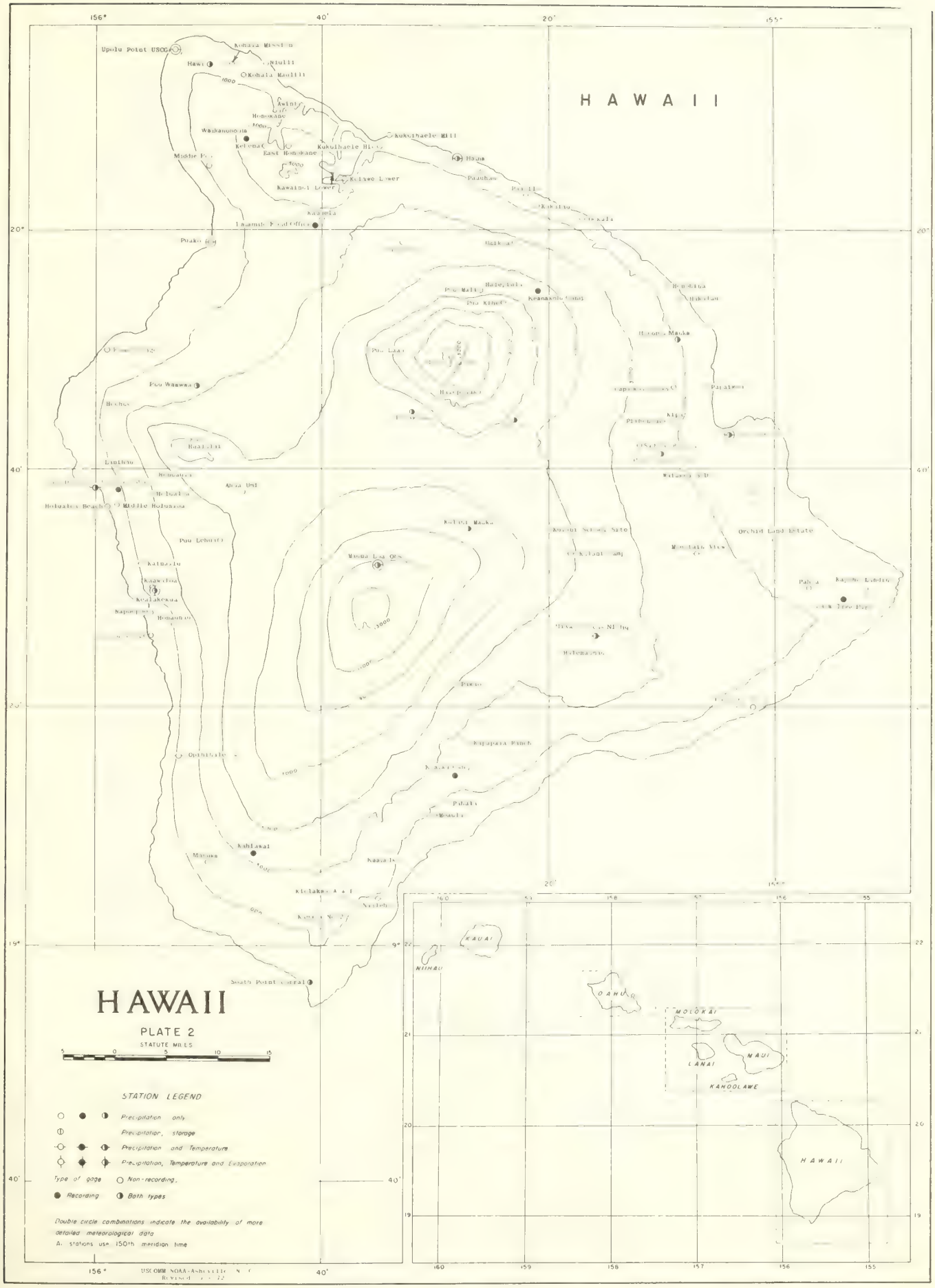
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

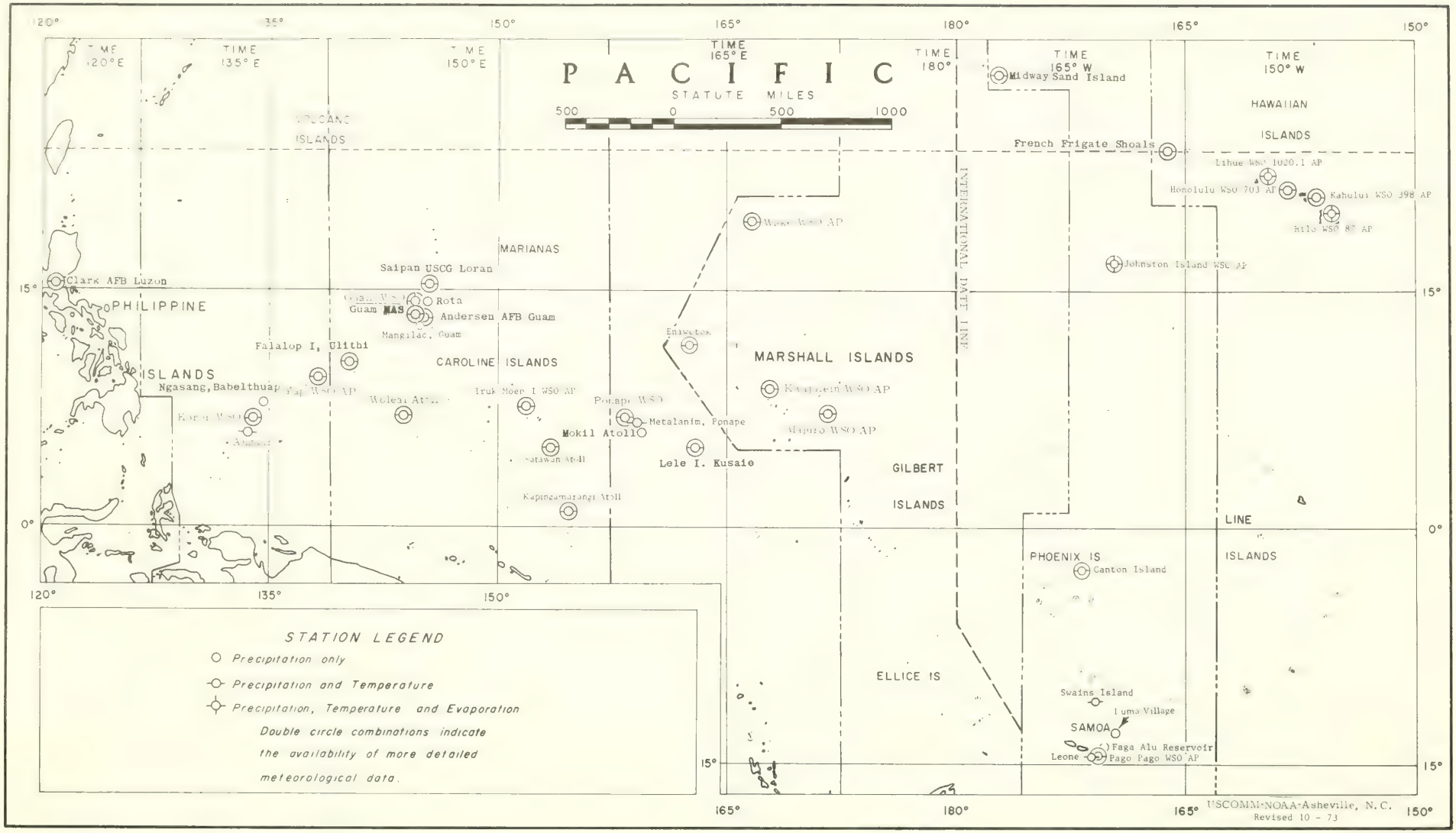
William H. Hoggard
Director, National Climatic Center

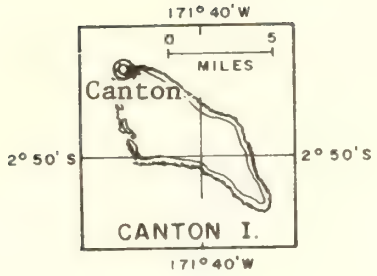
USCOMM-NOAA-ASHEVILLE, N.C. 9/4/74-1100

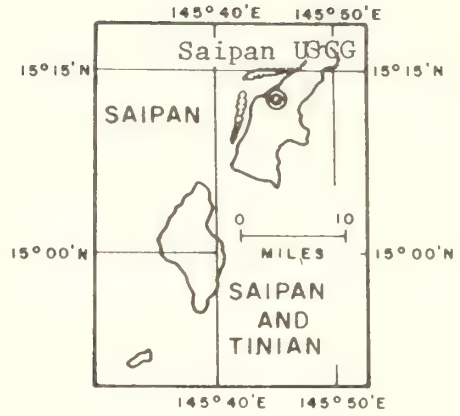

KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATION LEGEND

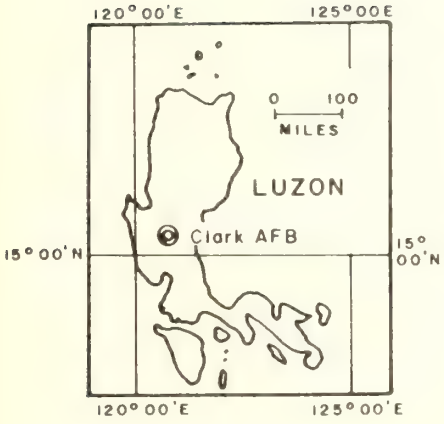

MOLOKAI
LANAI
MAUI
KAHOOLAWE

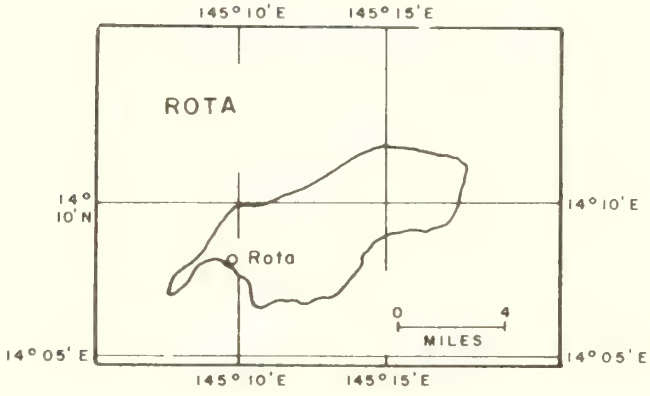

HAWAII
Upolu Point USCG
Hawi
Niulii
Kohala Mauliii
Kukuihaele Mill
Waikanonoia
Kukuihaele
Middle P.
East Honokane
Halna
Kawaihae Lower
Kawaihae
Puako
Waimea Post Office
Pohakuloa
Kamuela
Keamuku Canal
Pu'u Lala
Pu'u Wawaa
Waiki'i
Waikoloa
Waikoloa Beach
Middle Holualoa
Holualoa
Kaloko
Pu'u Lehuiki
Kaimalu
Kaawaloa
Kealakekua
Napoopoo
Honaunau
Mauna Loa Obs.
Orchid Land Estate
Mountain View
Pahala
Kapapala Ranch
Ka'alaiki
Ocean View
Naalehu
Kahilawai
Manuka
Kaalaiki
Kiolaka A + F
South Point Corral
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
A- stations use 150th meridian time
USCOMM NOAA-Asheville N C
REVISED

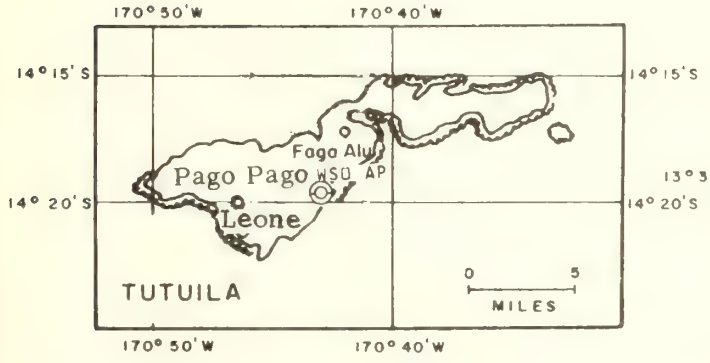

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Rota
Guam MAS
Andersen AFB Guam
Mangilao, Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Iruk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Enewetak
MARSHALL ISLANDS
Majuro WSO AP
GILBERT ISLANDS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Johnston Island WSO AP
LINE ISLANDS
PHOENIX IS
Canton Island
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

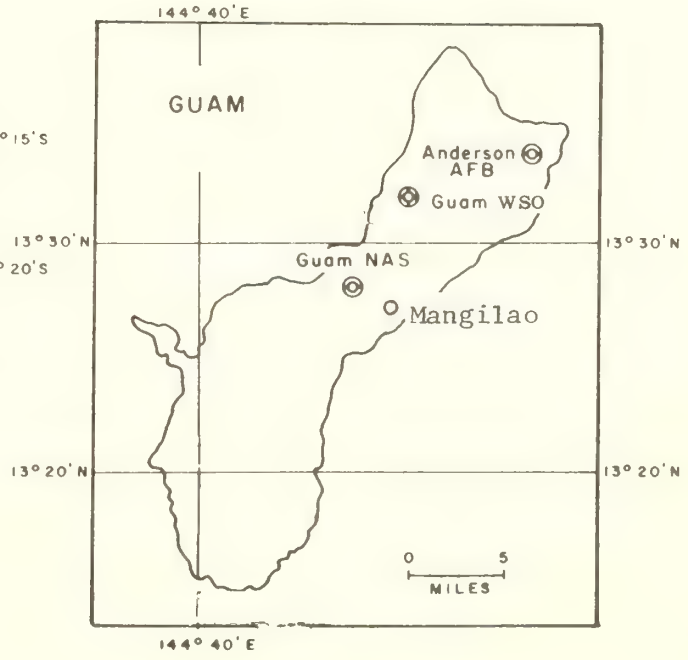

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

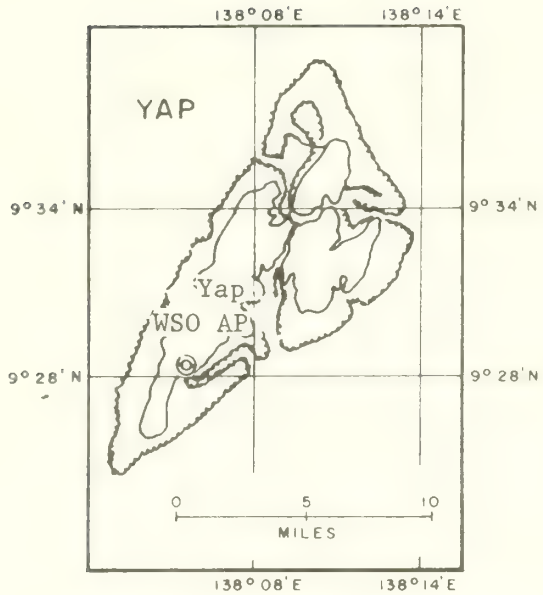

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

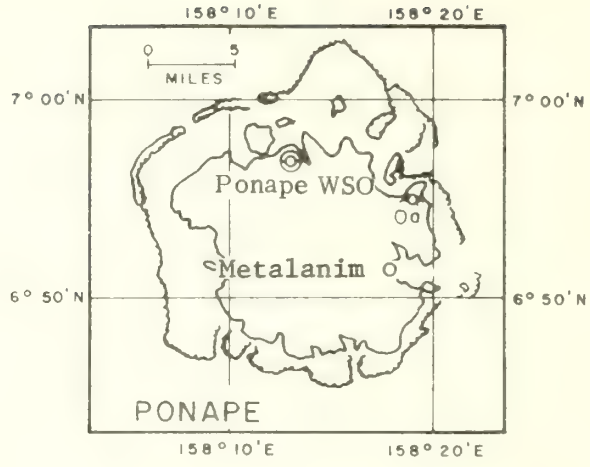

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

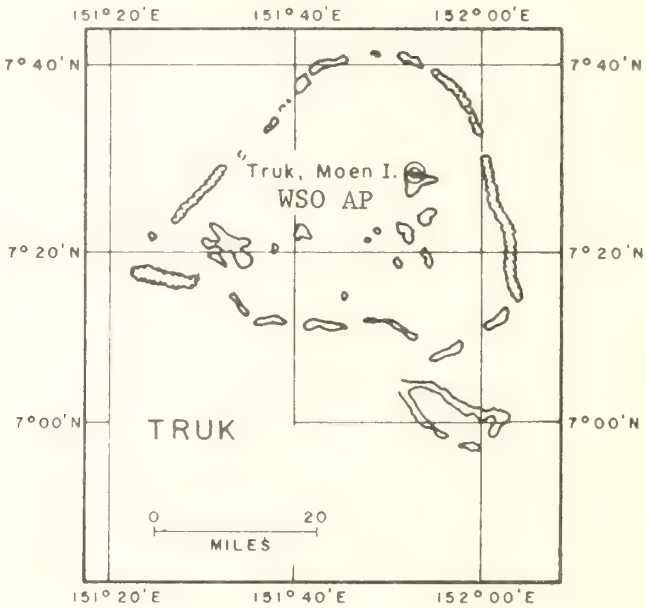

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

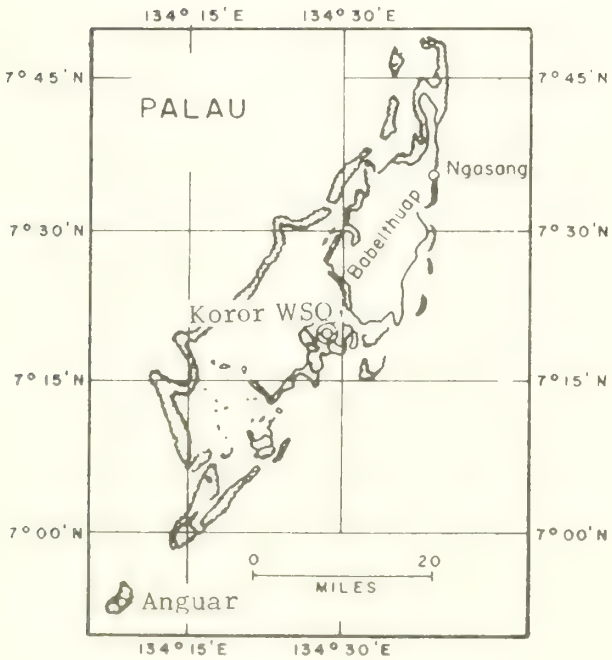

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

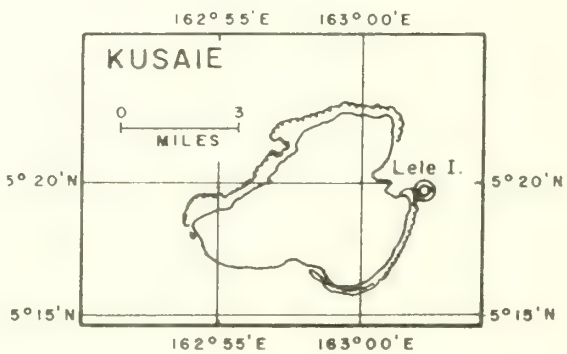
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

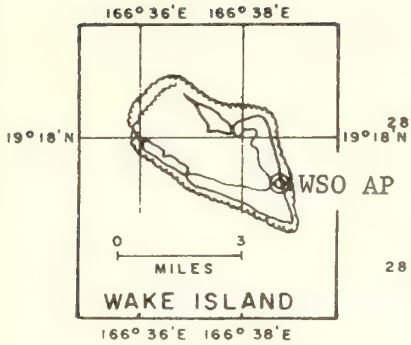

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Metalanim
PONAPE

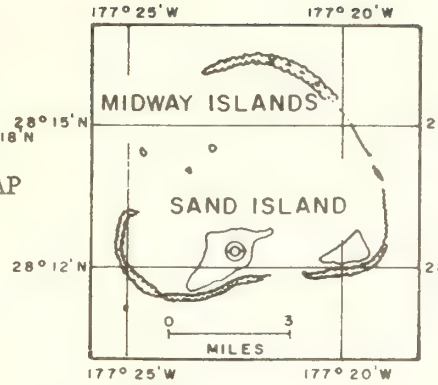

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

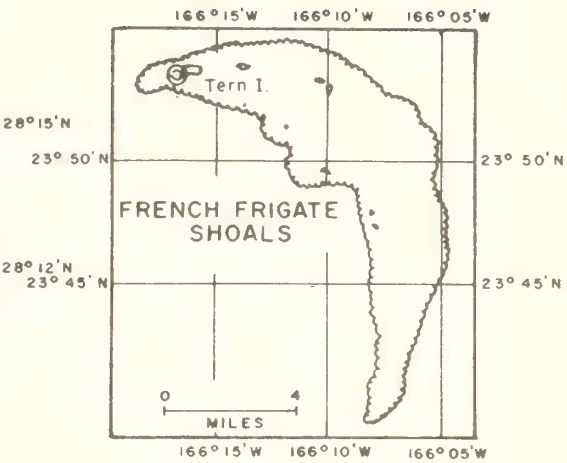

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

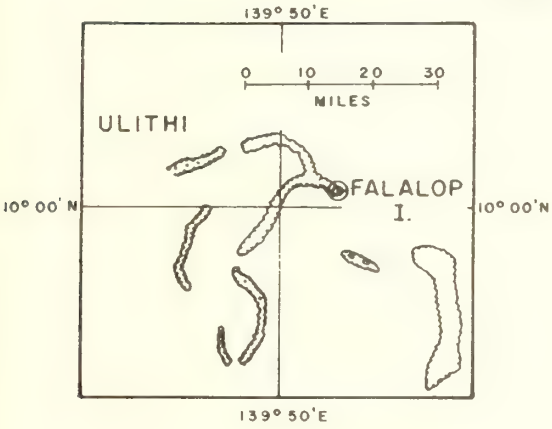

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

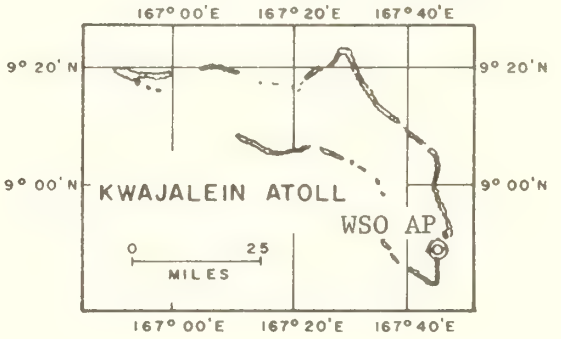
— Reef

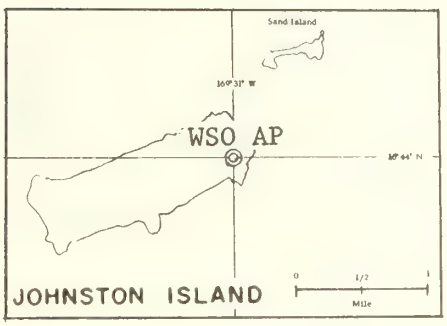

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

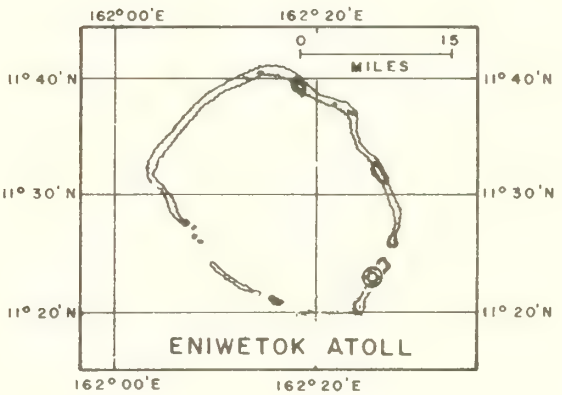

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

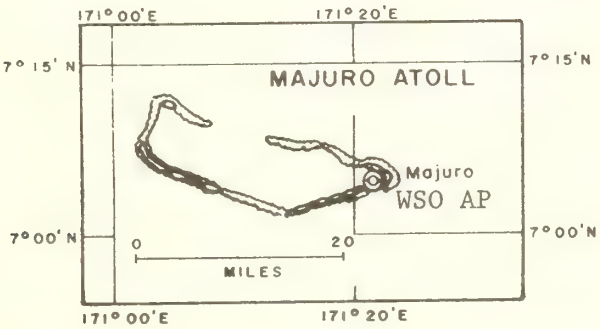

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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FIRST CLASS



JUNE 1974 Volume 70 Number 6

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE			
WAIKIKI, OAHU	90	DATE	19
LOWEST TEMPERATURE			
MAUNA LOA SLOPE OBS.	34	DATE	29
GREATEST TOTAL PRECIPITATION			
LANIHAU, HAWAII	14.29		
LEAST TOTAL PRECIPITATION			
13 STATIONS	.00		
GREATEST ONE DAY PRECIPITATION			
LANIHAU, HAWAII	3.18	DATE	19

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noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE, N.C.

SUPPLEMENTAL DATA

	Wind (Speed — m.p.h.)						Relative humidity averages-percent				Number of days with precipitation							Percent of Possible sunshine	Average sky cover sunrise to sunset
	Resultant Direction	Resultant Speed	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	Standard of Time GREENWICH CIVIL 12	18	00	06	Trace	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 and over	Total		
GUAM WSO AP	-	-	-	22	SE	06	-	79	78	94	0	11	4	3	3	1	22	64	-
HILO, HAWAII, WSO AP	14	1.6	6.9	17	E	18+	87	79	64	81	5	8	14	3	0	0	30	55	7.4
HONOLULU, OAHU, WSO AP	6	10.6	11.7	24	NE	24+	74	67	55	68	16	3	2	1	0	0	22	52	6.4
JOHNSTON ISLAND WSO AP	9	16.1	16.6	30	E	24+	75	74	68	74	12	5	0	0	0	0	17	80	5.4
KAHULUI, MAUI, WSO AP	6	12.4	13.9	29	NE	23+	79	70	52	71	7	0	0	0	0	0	7	73	5.4
KOROR WSO AP	26	2.5	6.6	22	SW	08	98	-	80	78	2	3	14	3	0	2	24	49	8.8
KWAJALEIN WSO AP	8	10.1	11.1	29++	8	29	83	84	77	79	6	7	8	2	3	1	27	-	8.6
LIHUE, KAUAI, WSO AP	6	11.2	13.0	26	E	21	76	71	64	73	6	12	5	1	0	0	24	64	7.0
MAJURO WSO AP	8	8.4	9.2	34	E	04	82	85	77	80	4	5	11	3	4	1	28	55	8.8
PAGO PAGO WSO AP	11	10.6	12.2	39	-	25	84	83	78	83	3	6	9	1	2	0	21	16	7.5
PONAPE WSO AP	-	-	-	17	NE	04	94	-	81	79	1	6	7	7	8	1	30	42	8.7
TRUK, MOEN I, WSO AP	12	2.6	7.3	22	SW	14	89	-	80	79	3	6	11	3	4	1	28	47	9.4
WAKE WSO AP	10	7.8	12.5	32	SW	25	81	84	66	70	5	7	4	1	0	0	17	56	6.4
YAP WSO AP	20	1.2	6.2	19	NW	09	89	-	80	75	2	7	8	5	1	3	26	54	7.7

See Reference Notes Following Station Index

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1974

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																							
* * *																							
ISLAND OF KAUAI	01																						
ANAHOLA 1114	B													1.21				.0	0		0	0	
KANALOHULUHULU 1075		71.8	53.8	62.8		74	26+	49	16		0	0	0	3.57		1.27	18	.0	0		6	2	2
KAPAA STABLES 1104	A													2.25				.0	0				0
KILAUEA FIELD 17 1135	B																	.0	0				
KILAUEA POINT 1133																		.0	0				
KOLOA 936	A													5.49				.0	0				0
LIHUE WSO 1020.1 AP	//R	83.4	73.7	78.6	1.1	85	22+	67	17		0	0	0	1.87	.30	.55	29	.0	0		6	1	0
MANA 1026		86.6	66.1	76.4	- .5	89	10	63	13		0	0	0	1.98	1.49	.52	19	.0	0		5	1	0
N WAILUA DITCH 1051	A													12.53				.0	0				
PH WAIMIHA 1115														3.97	- 1.69	.83	11	.0	0				0
PUEHU RIDGE 1040														.92	.12	.37	29	.0	0		5	0	0
WAHIAWA 930	A													1.38	.01			.0	0			0	0
WAIAHI LOWER 1054		80.7	64.2	72.5		84	17	59	17		0	0	0	11.57	4.54	2.14	30	.0	0		24	5	2
WAIMEA 947														.81	.57	.42	19	.0	0		3	0	0
ISLAND				72.6										3.96				.0					
* * *																							
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		84.6	72.7	78.7		87	20	69	28		0	0	0	3.09		.81	29	.0	0		9	3	0
HONOLULU OBSERV 702.2														.47		.24	29	.0	0		2	0	0
HONOLULU WSO 703 AP	R	86.7	71.8	79.3	.4	89	15	67	19+		0	0	0	1.52	1.20	.74	29	.0	0		3	1	0
KANEOHE MAUKA 781		82.2	71.3	76.8	.9	85	18	69	27+		0	0	0	6.67	4.01	1.72	18	.0	0		17	4	1
KOOLAU DAM 833	A													13.59		2.01	18	.0	0		19	11	5
LUALUALEI 804	A	84.6	69.2	76.9		88	17	65	17+		0	0	0	3.27		1.80	28	.0	0		4	2	1
MAKAPUU POINT 724																		.0	0				
NUUANU RES 4 783														9.24		2.74	28	.0	0		17	5	1
OPAEULA 870	A	80.7	66.0	73.4	1.7	85	29	63	18		0	0	0	3.22		1.30	19	.0	0		7	2	1
PALOLO VALLEY 718	R													9.42	1.75	1.46	10	.0	0		16	8	2
PRI WAHIAWA 820.2	A	M	M	M		87	20+	63	3		0	0	0	.39				.0	0			0	0
WAHIAWA DAM 863	A													1.28		.34	19	.0	0			0	0
WAIAHOLE 837	A													9.12		1.57	4	.0	0				
WAILEE 896.3		84.2M	70.7M	77.5M		88	19+	66	23		0	0	0	3.88		1.03	29	.0	0		9	2	1
WAILUA 847	A	84.8	65.7	75.3	- .1	87	28+	61	2		0	0	0	1.56	1.12	.70	29	.0	0		3	1	0
WAIKIKI 717.2		86.0M	70.8M	78.4M		90	19	66	16		1	0	0	1.20		.56	19	.0	0		2	1	0
WAIMANALO EXP FARM		82.6	71.3	77.0		86	17	67	18		0	0	0	2.15		.57	1	.0	0		5	2	0
WAIPAHU 750	A													.73		.55	19	.0	0			1	0
ISLAND				77.0										4.16				.0					
* * *																							
ISLAND OF MOLOKAI																							
KUALAPUU 534	A													1.55				.0	0				0
MAPULEHU 542																		.0	0				
MAUNALOA 511	A													2.15		.85	28	.0	0				0
MOLOKAI AP 524		81.9	71.0	76.5		85	15+	67	29		0	0	0	.55		.20	29	.0	0		2	0	0
ISLAND				76.5										1.42				.0					
* * *																							
ISLAND OF LANAI																							
LANAI CITY 672	A	76.3M	62.6M	69.5M	- 1.0	81	20+	61	29+		0	0	0	6.44	5.16	2.71	29	.0	0			3	2
ISLAND				69.5										6.44				.0					
* * *																							
ISLAND OF MAUI																							
HALEAKALA B E S 434	B													1.24		.33	29	.0	0		3	0	0
HALEAKALA RS 338		63.7	44.6	54.2	- 2.2	71	13	38	28		0	0	0	1.43	.22	.34	29	.0	0		6	0	0
HANA AIRPORT 355		84.0M	69.2M	76.6M		86	1	66	23		0	0	0	4.57		.79	4	.0	0			1	0
HONOKOHUA 493	B													.68		.15	15	.0	0			0	0
KAANAPALI AIRPORT																		.0	0				
KAHULUI WSO 398 AP	B	86.1	67.3	76.7	- .4	89	16+	62	27		0	0	0	0	T	- .21	T	22+	.0	0	0	0	0	0
KAILUA 446		M	M	M							0	0	0	0	*				.0	0				
KEANAE 346	A														.00		.00		.0	0	0	0	0	0
KIPAHULU 258															5.03	- 1.84	.82	10	.0	0	16	3	0	
KULA SANATORIUM 267		72.9	58.0	65.5	.8	76	24	55	4		0	0	0	0	5.31	3.90	2.48	19	.0	0	4	2	2	
LAHAINA 361		86.6	68.2	77.4	.9	89	20	65	16+		0	0	0	0	.02	- .07	.02	1	.0	0	0	0	0	0
PAIA 406															.37	- .52	.15	1	.0	0	1	0	0	
WAILUKU 386	B	M	M	M		88	18	68	18		0	0	0	0	.28	- .15			.0	0		0	0	
ISLAND				70.1										2.02				.0					
* * *																							
ISLAND OF HAWAII																							
HAINA 214		82.1	67.3	74.7	1.1	84	28+	65	30+		0	0	0	0	.73	- 1.28	.31	24	.0	0	2	0	0	
HAWAII VOLCNS NP HQ 54		69.5M	54.0M	61.8M	.1	72	26+	51	26		0	0	0	0	4.96	.29	1.05	29	.0	0				1
HILO WSO 87 AP	R	82.9	67.6	75.3	.7	85	28+	64	30+		0	0	0	0	4.76	- 1.85	.87	4	.0	0	17	3	0	
HUEHUE 92.1	A														5.25	.75			.0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1974

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	10° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																							
KAINALIU 73.2		77.2	63.7	70.5		80	12	60	3		0	0	0	0	10.84	3.58	1.53	4	.0	0		24	6	3
KEAAU 92		79.9	64.8	72.4	- 1.3	83	2	59	2		0	0	0	0	7.55	- .31	1.08	5	.0	0		16	5	1
KEALAKEKUA 26.2															7.75				.0	0				
KONA (KAILUA) 68.3	A	M		M		86	20	69	27+		0	0	0	0	.73		.24	25	.0	0			0	0
KUKUIHAELE WIC 199															.69	- 2.27	.32	11	.0	0		2	0	0
KULANI CAMP 79		63.9	47.5	55.7		67	20	42	30+		0	0	0	0	3.97		.55	15	.0	0		13	1	0
PAHALA 21	A	78.9M	62.1M	70.5M	- 1.6	82	10	58	26		0	0	0	0	2.02		.69	19	.0	0		5	1	0
POHAKULOA 107	A														.31				.0	0			0	0
PUAKO 95.1	A	85.5	71.0	78.3		89	21	68	29+		0	0	0	0	.29		.21	16	.0	0		1	0	0
PUU WAAWAA 94.1	A														4.09	1.97	1.99	19	.0	0				
UMIKOA 118															.33	- 1.51	.16	11	.0	0		1	0	0
WAIAKEA SCD 88.2															8.46		1.06	15	.0	0		20	8	1
ISLAND				69.9											3.92				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JUNE 1974

STATION		TEMPERATURE												PRECIPITATION								
											NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
* * * EAST OF 180TH MERIDIAN																							
CANTON ISLAND		88.8	77.0	82.9		92	29	74	7		10	0	0	0	2.88		.65	6	.0	M		8	2	0
FAGA ALU RESERVOIR															14.80		3.75	24	.0	0		19	12	4
JOHNSTON WSO AP	R	84.2	77.2	80.7		86	19	75	28+		0	0	0	0	.07		.03	24	.0	0		0	0	0
LEONE															11.60		2.48	27	.0	0				3
FRENCH FRIGATE SHOALS		84.8	73.2	79.0	1.6	93	17+	70	17+		3	0	0	0	1.08	- .39	.45	17	.0	0		4	0	0
LUMA VILLAGE															11.40		4.30	24	.0	0				
MIDWAY SAND ISLAND		80.4	71.5	76.0	.3	84	29	61	5		0	0	0	0	2.53	- .43	.86	6	.0	0		7	1	0
PAGO PAGO WSO AP	R	83.2	75.2	79.2	.1	85	29+	70	6		0	0	0	M	5.40	- 4.01	1.58	24	.0	0		12	3	2
SWAINS ISLAND																			.0	0				
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.0	76.9	80.5	- .3	87	27	74	13+		0	M	0	0	6.94	2.30	2.28	7	.0	0		12	4	1
CLARK AFB LUZON		88.8M	75.3	82.1M	.2	93	29+	73	26+		16	0	0	M	15.82	5.03	4.01	11	.0	0		13	5	5
GUAM NAS		86.5	77.8	82.2	.4	94	27	76	29+		4	0	0	0	8.03	3.12	1.80	7	.0	0		11	6	2
GUAM WSO	R	85.9	72.1	79.0	- .8	88	25+	68	21		0	0	0	0	10.46	5.27	2.84	7	.0	0		11	7	4
MANGILAO															10.06		1.67	13	.0	0		14	8	4
ROTA																			.0	0				
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	86.2	74.3	80.3	- 1.2	88	22+	71	26+		0	0	0	0	1.74	- .61	.63	25	.0	0		5	1	0
* * * CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															14.29	3.09	3.97	3	.0	0		18	6	4
ENIWETOK																			.0	0				
FALALOP I. ULITHI																			.0	0				
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	88.0	75.5	81.8	.2	92	22	72	10		6	0	0	0	9.72	- 4.03	2.42	20	.0	0		19	5	2
KWAJALEIN WSO AP	R	86.0	77.1	81.6	- .3	88	27+	73	30		0	0	0	0	9.05	- .88	2.04	30	.0	0		14	6	4
LELE I. KUSAIE		88.5	75.2	81.9	.9	90	28+	74	30+		7	0	0	0	16.62	- 2.18	3.52	1	.0	0		21	11	5
MAJURO WSO AP	R	85.0	76.1	80.6	- .4	86	28+	74	30+		0	0	0	0	13.66	1.49	2.27	25	.0	0		19	M	5
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															*				.0	0		0	0	0
PONAPE WSO	R	86.7	72.5	79.6	- .9	90	25+	71	21+		4	0	0	0	21.27	5.61	2.75	1	.0	0		23	16	9
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	87.2	75.5	81.4	.1	90	24+	73	15		3	0	0	0	14.83	2.24	2.76	30	.0	0		19	8	5
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.3	74.2	80.3	- 1.4	89	27	72	6		0	0	0	0	14.30	3.40	2.92	5	.0	0		17	9	4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF HAWAII 01																																
AHUALOA 1114	H	1 21	*	*	.15	.10		.05		*	*	.08	.06			.03	*	*	.10	.10		.03		*	*	.42	.07			.02	*	*	
ANDERSWOOD STA 985	A	1 27	*	*	.07	.11	.20	.04		*	*	.17	.31			.15	*	*	.15		.13	.50	.11	*	*	.77	.05	.30	.06	.15	*	*	
AH * * LAWAI 834	A	5 76	*	*	.24	.12	.43	.25	.11	*	*	.20	.44	.02		.30	*	*	.14		.18	.56	.20	*	*	1.18	.06	.13	.80	.31	*	*	
ELEELE 827	A	.90					.03	.04	.01	*	*	.02	.17	T		.03				.02	.11	.02	T	*	*	.25	.01	.12	.07	T	*	*	
HALELEA 1110	A	1 87	*	*	.29	.07		.10		*	*	.07	.03			.11	*	*	.10	.10		.02		*	*	.70	.13	.02	.07	.06	*	*	
HALENAMAHO 1006	A	5 38	*	*	.54	.13	.36	.18		*	*	.53	.36			.09	*	*	.41		.13	.34	.14	*	*	1.04	.05	.23	.29	.56	*	*	
HUKIPO 946		.44																		.25	.10									.09			
I. ILILIOLA INTAKE 1056	A	9 41	*	*	.30	.39	.44	.29	.13	*	*	.48	.52	.02		.87	*	*	.73	.03	.06	.52	.69	*	*	2.02	.18	.21	.28	1.25	*	*	
INTAKE WAIMINA PL 1088	A	4 47	*	*	.18	*	*	*	.11	*	*	1.26	*	*	.08	.54	*	*	.12	*	*	.08	*	*	*	1.33	*	*	*	.77	*	*	
KAHUAOHOLI HILL 1075		3 57			.02	.31						.10				.04	.02			1.27	.14	.04			.07	.03		.02	.01		.35	1.15
KAHUHA RESERVOIR 1092	A	6 62	*	*	.55	.30	.15	.32		*	*	.30	.40			.11	*	*	.45	2.25		.15	.15	*	*	.70	.10	.15	.44	.10	*	*	
KAPAA STABLES 1104	A	2 25	*	*	.27	.02		.01		*	*	.11	.18			.13	*	*	.46	.03		.05		*	*	.68	.07	.07	.09	.09	*	*	
KEALIA 1112	A	1 42	*	*	.10	.03		.02		*	*	.05	.09			.09	*	*	.15	.03	.02	.03		*	*	.55	.12	.08	.05	.01	*	*	
KEAHUA 944		.47			.05															.27	.05								.01	.02	.17			
KILAUEA 1134	H	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA FIELD 17 1135	A																															
KILAUEA POINT 1133																																
KOLO 1031		1 37								.04											.33	.68								.29	.03	
KUKUA 836	A	4 46	*	*	.44	.11	.35	.38	.09	*	*	*	.66	.12		.22	*	*	.36		.03	.66	.18	*	*	.95	.08	.15	.55	.15	*	*	
KULAA MAKAA 994	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KUOKO RES 1117	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA 935	A	1 27	*	*	.20	.05	.04	.05		*	*	.15	.35	.01		.12	*	*	.12	.03	.54	.71	.03	*	*	.58	.03	T	.20	.06	*	*	
LIHUE VARIETY STA	A	4 06	*	*	.45	.05	.08	.14		*	*	.28	.36			.11	*	*	.63	.02		.13	.12	*	*	.98	.19	.03	.22	.26	*	*	
LIHUE 1020	A	2 28	*	*	.07	.21	.01			*	*	.09	.34			.03	*	*	.48		.01	.01	.05	*	*	.58	.08		.10	.21	*	*	
LIHUE WSO 1020 1 AP	R	1 87	.08	.04		.02		T	T	.01	.02	.17		.01		.05	T	.23			T	T	.02	.27	.14	.04	.07	.01	.04	.10	.55	T
MAHUKONA POINT 940.1		-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKAWELI 966	A	.87				.01							.14							.13	.27	.01		.04	.09			.03		.03	.12		
MANA 1026		1 98								.08			.04							.40	.52	.33								.01	.16	.44
MAHIHI URB CROSS 1083	A	1 09								.08		.24				.07					.07		.07	.07	.14		.07			.21	.07		
MOLOAA 1145	A	2 38	*	*	.04	.23	.02	.06		*	*	.20	.02			.03	*	*	.06	.79	.13			*	*	.28	.02	.28	.12	.10	*	*	
MOUNT WAIALEALE 1047	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MT. RIDGE 1035		1 67											.23						.05	.19	.32	.33								.55		
N WAILUA DITCH 1051	A	12 53	*	*	1 74	.46	.52	.38	.08	*	*	.99	1.07	.01		.89	*	*	1.27	.01	.05	.66	.23	*	*	1.63	.28	.37	.99	.90	*	*	
PH WAIMINA 1115		*	*	*	.61	.10	.15	.01		*	*	.68	.83	.03		.16	*	*	.15		T	.02	.14	*	*	.56	.10	.17	.23	.03	*	*	
PRINCEVILLE RANCH 1117		*	*	*	*	*	*	*	*	*	*	*	*	2.00		.17	*	*	.27		.30		.06	*	*	.43	.18	.16	.40		*	*	
PUEHU RIDGE 1040		.92			.18								.12							.13	.12										.37		
PUHI 1013	A	3 44	*	*	.12	.15	.03	.01		*	*	.22	.40				*	*	.93	.07	.50	.04	.30	*	*	.42	.02	.02	.18	.03	*	*	
RESERVOIR 6 1004	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAHIAWA 930	A	1 38					.11	.02	.01	*	*	.02	.35								.23	.02	.06	*	*	.36	.04	.02	.12	.02	*	*	
WAIAHI LOWER 1054		11 57	.04	.38	.14	.40	.44	.44	.12	.14	.15	.18	.46	.02		.38	.42	.16				.40	.21	.52	.63	.44	.17	.16	.22	.84	1.97	2.14
WAIAHI UPPER 1052		13 05	.06	.29	.28	.34	.49	.35	.28	.42	.13	.05	1.03			.69	.41	.33	.02		.05	.65	.22	.66	.84	.49	.26	.25	.52	.53	1.27	2.14
WAIAWA 941		1 06			.13								.02							.63	.03	.02										.23
WAIKAI KAI 1065	A	3 68	*	*	.42	.01	.13	.16	.02	*	*	.15	.28	.02	.01	.02	*	*	1.05	.01		.11	.15	*	*	.65	.12	.13	.08	.16	*	*	
WAIMEA 947		.81																		.17	.42									.22			
WEST LAWAI 831	A	2 98	*	*	T	.03	.13	.03	.02	*	*	.05	.55	T		.11	*	*	.01		.66	.34	.05	*	*	.58	.07	.03	.26	.06	*	*	
* * * ISLAND OF OAHU																																
BERETANIA PUMPING STA		1 56			.06	.09	T	.01				.01	.04			T			.04		.87			.08	.02	.13	.01	T	.03	.01	.10	.06	
CAMPBELL IND PK 702 5		2 14				.03		.01				.01	T								1.45			.04	.01	T				T	.24	.35	
CAMP 84 807	A	.59	*	*	.06	*	*	*	*	*	*	.03	*	*	.03	*	*	*	.02	*	.08	*	*	.08	*	.08	*	*	*	*	.20	.09	
CHURCH COLLEGE LAIE		1 08			.04	.60	.02	.05		.01		.14	.13			T	.13			.15	.01					.25	.05	.03	T	.14	.81	.53	
COCONUT ISLAND 840 1		2 63	.06		.03	.03		.01		.03	.02	.03		.05	.01	.07	.03		.04	1.56	.02		.07	.03	.11	.14	.01		.02	.06	.12	.08	
EWA PLANTATION 741		*								*	*	.02									.51			*	*	.06					*	*	
HELEMANO INTAKE 881	A	2 19	*	*	.08	*	*	.51	*	*	*	.58	*	*	*	*	*	*	.15	*	*	.13	*	*	*	.74							
HONOLULU 725 2	A	4.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22	*	*	*	*	*	*	.71	*	*	*	3.83	*	*	
HONOLULU OBSERV 702.2		.47						.02	.01											.02	.11			.06	.01	T					.24	T	
HONOLULU WSO 703 AP	R	1.52		T	T	.01		T	T	T	T	T		T	T	T				T	.25	T	T	.03	.03	T		T	T	.46	.74	
HONOLULU SUBSTA 704	R	1.09	.01				.01	.01								.01					.77		.04	.04		.02				.12	.06	
H. S. P. A EXP STA 707		1.64	.07		.03	.06	.03	.01	.02		.03	.06	.04		T	.06					.76		.02	.06	.03	.04	.03	.02	.02	.01	.19	.05
KAENA POINT 841.3		*	*	*	.01	.03	.01	*	*	*	*	.15		*	*	*	*	*	.04			*	.02	*	*	.20	*	.01	.03	*	*	*	
KAHANA 883	A	21.74	*	*	3.80	*	*	*	*	*	*	4.16	*	*	*	*	*	*	7.60	*	*	*	*	*	*	6.08	*	*	*	*	*	*	
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		2 11	.01		.03	.02	.22			.01	.25	.03	.05	.08		.07	.01	.01	.01	.80	.03	.05	.05	.10	.04	.03	.15	.04			.01	.01	
KALIHI RES SITE 777	R	7 50	.10	.32	.32	.72	.04	.04		.46	.20	.56		.08	.04	.40	.08	.08	.04	.02	.10	.14	.04	.62	.42	.18	.02	.12	.20	.86	1.26	.04
KANEOHE MAUKA 781		6 67	.85	.11	.05	.20	.14	.18			.27	.23	.08			.25				1.72	.07		.11	.17	.33	.12		.06	.29	.62	.61	.21	
KAPALAMA 773	A	1 63	*	*	.13	.49	.21		.12	*	*	.20	*	.02		.08					.15		.03	*	*	.41	.04				*	*	
KAWAIHAPAI 841	A	.26				.08				*	*	.02	.08			.02								*	*	.06	T				*	*	
KAWAI IKI INTAKE 880 2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	A	1 36				.26				*	*	.06	.01			.06					.83		.02	*	*	.12					*	*	
KIOLA DAM 833	A	13 59	.03	.05	.07	.57	1.22	.02	.05	.65	.50	1.50	.05	.16	.11		.53			2.01	.03		.45	1.82	.90	.18	.15	.18	.35	.51	1.25	.24
KIPAPALEI 804	A	3 27			.01	.01															.91				.03			.31	1.80		.20	
KIPAPALEI WTR TUNNEL	A	10.00	*	*	*	*	*	*	10.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 706.1	A	.81		T	.08	.01					T		T			T					.50								.01	.17	.04	
MAKAHA PUMP 800 2	A	1 41						.12						.12						.01	.95	.10						.03	.08			
MAKUA POINT 724																																
MANOA 712 1		6 47	.17	.08	.15	.33	.28	.07	.02	.13	.06	.10	*	*	*	*	*	*	1.67	.33	.46		.10	.25	.17	.13	.07		.30	.13	.98	.50
MANOA TUNNEL 2 716	R	12 76	.10	.48	.40	.74	.14	.02	.10	.74	.12	1.28	.10	.06	.10	.84	.14	.08	.16		.30	.32	.24	1.00	.36	.06	.06	.06	.36	.94	2.90	.22
MOANALUA 770		2 70		*	.09	*	.09	T	T	.03	.06	.02				.05					.38		.02	.10	.06	.11	.05		.05	*	.64	.95
MOANAU RES 4 783		9 24	.04	.36	.46	.62	.12	.06		.30	.10	.42	.02	.04	.04	.32	.08		.02	.22	.92	.18	.12	.62	.06	.04		.26	.12	2.74	.90	.06	
NUUANU RESERVOIR #5	A	7 31	*	*	.11	*	*	*	*	*	*	1.91	*	*	*	*	*	*	.43	*	*	*	*	*	*	.93	*	*	*	*	*	3.93	
OPAEULA 870	A	1 22			T	.90				.20	.04	T			.04	T	T				1.30		T	.08	.10	.06				.20	.20	.10	
PALI GOLF COURSE 708.1		1 51	.01	.35	.03	.35	.02	.01		.27	.05	.09	.11	.03	.02	.25	.05		.07	.03		.19	.02	.28	.07	.09		.02	.06	.03	1.00	.01
PALOLO VALLEY 718	R	9 42	.04	.40	.26	.72	.16		.02	.54	.10	1.46	.08	.02	.08	.82	.06	.04		.02	.80	.02	.32	.80	.30	.10	.02		.54	.48	1.18	.04
PAUOA FLATS 784	R	16 00	.12	.76	.02	1.44	.62	.14	.06	1.10	.12	1.24	.08	.12	.58	*	*	*	*	*	*	2.06	.22	1.18	.18	.08	.04	.38	.30	2.56	1.64	.16
PRETTY KOHE 724 4		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
RR WAHIAWA 820 2	A	.39				.10				*	*	.03	.01			.03					T			*	*	.21	.01	T			*	*	
PUNCHBOWL CRATER 709	A	1 46	.01	.01	.01	.04	.05		.02	.02	.04	.02	.01	.01	.01	.05	.02				.75		.02	.10	.05	.05	.06	.02	.05	.03	*	*	
ST STEPHENS SCH 788		1 07	.10	.15	.04	.10	.13			.01	.12	.12	.17	.03		.21	.01	.09		.18	.06	.01	.14	.24	.03	.03		.05	.02	.13	.88	.01
TANTALUS 2 780.5		11 14	.02	*	.51	.77	.62	.09	.13	.09	.62	.36	.54	.04		.55	.34	*	.03	.05	.51		.32	.66	.46	.12	.18	*	.68	.18	1.81	1.47
U. OF HAWAII 713	A	1 80	*	*	.16	.04	.05	.01	T	*	*	.13	*	.04		.10					.49		.01	*	*	.14	.01	.02	.02	T	.58	*
WAIAHI WAIAWA 874 3		1 55			.02	.91	.01		.02	.08	.01	.22				.11					.59		.09	.42	.16	.05	.05	.11	.14	.04	.20	.32
WAHIAWA DAM 863	A	1 20	*	*	.12	.32	.01	T	.02	*	*	.06	.03			.12					.34		.03			.21	.02					
WAIAHOLE 837	H	9 12	*	*	1 46	1.57	.03	.22	*	*	*	.42	.42	.09		.13	*	*	.81	1.12			.28	*	*	1.23	.02	.18	.31	.83	*	*	
WAIALAE KAHALA 735		1 65	.19		T					T		.01	.04			.07				.65	.27			.08	.03	T		T	T	T	.31	T
WAIALEE 826 3		3 88		.06	.38	.87	.07	.09		.04	.02	.38	.05			.27	.01	.01						.14	.21	.02			.10	.11	1.03	.02
WAIALUA 847	A	1 56				.26	T	T				.02	.02			.02					.07		T	.07	.02	.02	T		T		.70	.36
WAIANAE 798 2	A	.59			.26											T					.11										.19	.03
WAIANAE MAUKA 801	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIANAE 836	A	10 48	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.48
WAIKANE 885	A	9 64	*	*	2.25	*	*	*	*	*	*	3.08	*	*	*	*	*	*	1.75	*	*	*	*	*	*	2.56	*	*	*	*	*	*
WAIKIKI 717 2		*	.08	.06						T	T	.02	.02	T		.04					.56			.04	T						.38	*
WAIMANALO EXP FARM		2 15	.57	.03							.07	.04	.02			.12	.02			.55	.37	.03			.10	.04	.06				.04		
WAIMEA 892	A	1 86	*	*	.02	.24	.01			*	*	.15	.14			.09					.53		.06	*	*	.42	.01	.02	.17		*	*	
WAIPAHU 750	A	.71																			.55			*	*	.18					*	*	
WILHELMINA RISE 721	R	2 88	.02	.14	.06	.18	.08			.10	.02	.32	.02		.02	.16			.06	.20	.20	.04	.04	.24	.08			.04	.04	.64	.12	.08	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	.83	.06			.07				.02	.04						.10	03	02			04		.18	.02	.03	02		.04		10	.06	
KAUMAKAKAI 536	A	.00																														
KEANELELE PENS 551	A	1.13																				.48									65	
KUALAPUU 534	A	1.55										.04	.02			22	*	02	02		.02		.29	*	*	.03			.01		*	80	
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	2.15	*	*	.06		02						*	03		.03	*	*	63	.05	40		05	*	*	.03				85	*	*	
MOLOKAI AP 524		.55									T	T				08	T		08			T	16	02	.01					20	T	
PUUOHOKU RANCH 542.1		*	*	*	.10	*	.36			*	*	.05					*	*	13					05			02	01			*	*	
WAIKOLU 540	A	2.15			.36							.67								60						52							
* * * ISLAND OF LANAI																																
KANEPUU 690	A	.65	*	*	*	*	*	*	.02	*	*	*	*	*	03	*	*	*	*	*	*	60								*	*	*	
KAUMALAPAU HARBOR 658	A	.89	*	*	35		.06														.30								.09	*	*	
LANAI CITY 672	A	6.44			.25	.26	.38	.01					03			.06		*	.23	1.15	.42	.01						28	.65	2 71		
LANAIHALE 684	A	3.83	*	*	*	*	*	*	1.25	*	*	*	*	*	1.18	*	*	*	*	*	*	1.35	*	*	*	*	*	.05	*	*	*	
MAHANA 694	A	.48	*	*	*	*	*	*	.03							*	*	*	*	*	*	.45								*	4	*	
MALAUEA 676	A	1.88	*	*	*	*	*	*	1.48							*	*	*	*	*	*	40								*	*	*	
WAIAKEAKUA 685	A	2.46	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1 11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1 34	
* * * ISLAND OF MAUI																																
AUWAHI 252	A	1.06			.36							.20								.50													
HALEAKALA 8 E S 434	A	1.24	.03	.01		.09	02		.03	.03	.02	.01				01	03	02	03	27	.09		05	.02	15					33			
HALEAKALA RANCH 432	A	.86	*	.25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	40	*	.11	*	*	*	*	*	*	*	*	*	*	.10	
HALEAKALA RS 338		1.43	.32	.16	.01	10	.10		.02							T	T	22	02	05	T				01		T			.05	.34	.03	
HALEAKALA SUMMIT 338.4	A	1.14	*	*	.94	08	.02													08	.02										*	*	
HALIIMAILE 423	A	.52				.01														.47				01	*	03						*	
HAMAKUAPOKO 485		1.41	.35	.01	.10	.08	.05			.02	.01	.11	10	05		02	07						.04	19	13	01	02	01	.01	03			
HANA 354	A	3.18		*	.29	.85	09	02	.06	.02	*	.40	02			09	.12	*		27	.04	02	08	18	20	*	26		.02	06	.01	.08		
HANA AIRPORT 355		4.57	.16	.07	31	79	20	02	.17	.10	*	.18	06	.06	T	05	36	.14	.42	15	02	T	13	36	02		05	06	.06	15	.43	.04	
HANAHULI 281		4.97	.08	.54	.72	.41	.04			.02	.10	10	.52	.02		.20	.19	10	.22	.18	03	.01	22	.24	10	11	22	22	.10	08		.20	
HOLUA CABIN 259.5	A	2.32	*	*	*	*	*	2.20	*	*	*	T	*	*	*	*	*	*	*	*	*	*	*	*	.12	*	*	*	*	*	*	*	
HONOKOHAU 480	A	5.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.20	*	
HONOKOHUA 493	A	.68		*	.04	02	.04	*			*	10	14	04			.15							.08	*	.07						*	
HONOPANU GULCH 341	A	3.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	F	*	*	3.80	
KAANAPALI AIRPORT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAHOMA INTAKE 374	A	2.74	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.74	
KAHULUI WSO 398 AP	R	T			T			T	T			T										T	T									
KAILILI 436	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KAILUA 446		*	*	*	.90	.72	.46	.15	.21	*	*	.66	.25	10		02	*	*	.36	.02		01	.18	*	*	47	.52	19		05	*	*	
KAUAULA INTAKE 375	A	1.47			.30							10							.35							50						.22	
KEAHUA 410		.01	.01																													
KEANAE 346	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
KEAWAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KIHEI 311		.02		.02																												
KIPAHULU 258		5.03		.21	.22	51	.57	.12				.82				.15		.41	42	13			28	.21	.23		15			.17	.43		
KULA HEIGHTS 323.2		.78		.49														14		.15												
KULA SANATORIUM 267		5.31	T	2.15	.02	T					01						01	.15	01	.01	2 48	01								.04	41	.01	
LAHAINA 361		.02	.02													T																
LAUMAIPOKO INTAKE 376	A	1 67	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.67	
LAUMAIPOKO VILLAGE 372	A	.00																														
LUPI UPPER 442	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAHINAHINA 466	A	.22				.03						.03				02	.02									02	.10						
MAKALELE FIELD 60 407	A	1.27	*	*	.22	*	*	*	*	*	*	.80	*	*	*	*	*	*	13	*	*	*	*	*	*	.12							
OLINDA 332	A	2.13	*	*	*	*	.38	*	*	*	*	*	*	.02	*	*	*	*	.42	*	*	.60	*	*	*	02	*	*	*	.69	*	*	
OLOWALU 296		.00																														
PAAKEA 350		10.23	.83	.35	.26	1.00	1.22	.57	.21	16	18	.47	.25	*	*	.22	.37	.09	.76	.01		04	60	49	.50		38	24	11	.22	.68	.02	
PAIA 406		.37	.15	T	.01	.01	.01				T	06	01	T		.01	T						T	.09	02								
PANILEIHULU 259.2	A	4.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.70	*	
POHAKEA BRIDGE 307.2	A	.12	.12																													
POLIPOLI SPRINGS 267.2	A	4.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4 00	
PUOHOKAMOA 2 343	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
PUUNENE 396		.45	.45																													
SPRECKELSVILLE 400.2		.08	.06								T	.01												01	T							
TWIN GATES 261.3	A	2.65	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.65	
UKULELE 333	A	2.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.38	*	*	*	*	*	*	*	*	1.02	
UKUMEHAME 301	A	.00																														
ULUPALAKUA RANCH 250		2.72			1 30														.37	.17	.52		04						05	.27		
WAHIKULI 364	A	.14	.12	02																												
WAIEHU CAMP 484	A	.80	.50									T	.10				.16							03	01							
WAIHEE VALLEY 482	A	.87	.43									T	.30	.02			.02							.05		.05						
WAIKAMOI 449	A	8.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.10	
WAIKAMOI DAM 336	A	5.24	*	*	*	*	2.50	*	*	*	*	*	*	.72	*	*	*	*	1.10	*	*	20	*	*	*	.43	*	*	*	.29	*	*	
WAIKAPU 390	A	.14	.14																													
WAILUKU 386	A	.28	*	*	.25					*	*	.03																			*	*	
WAIOPAI RANCH 256	A	3.04	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00	*	*	.32								*	.72	
* * * ISLAND OF HAWAII																																
AHUA UMI 75	A	.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75	
AWINI 182..	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
CITY OF REFUGE 27.4		5.76	.14	.38	.65	.71	.04	.03	T	.77	.34	T		.08		.15	.02			.02	.55	.14		.02	02	15	05	01	79	.66	04		
EAST HONOKANE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HAINA 214		.73										.04	.25	.05		01	.02					.02			02	31	.01						
HAKALAU 142		4.80		.02	.03	.85	.27	.26	.08	.02	.30	02	28	.02			.41	06	.04	.26	.08	.06	.08		19	.49	55	.05	06	.24	08		
HALEMAUMAU 52	A	2.97	1.66	*	*	*	*	*	*	*	*	*	*	*	*	*	.36	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.95	
HALEPIULA 117	A	.45	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	45	*	*	
HALEPOHAKU 111	A	.41	03				T									T	*		T	07											.31		
HAWAII VOLCMS MP WQ 54		4.96	.10	.08	.08	.28	.35	.45	.18	.07	*	.01	10	T		T	*	.64	.12	.48	.02	T	03		03	.16	34	.02	T	.13	1.05	.23	
HAWI 188	A	2.00	*	*	.52	.35	.04	.02	.02	*	*	.11	03	.04		.05	*	*	.21	.17	.02	01	.08	*	*	.24	09				*	*	
HILO COUNTRY CLUB 86.6		9.51	.47	.03	.47	.57	.92	.48	.07	.47	.08	T	.62	.03	.02		.80	.11	.58	.58	.47	.15	.27	T	.30	.41	.89	.06		.36	.24	.06	
HILO WSO 87 AP	R	4.76	T	T	.29	.87	.54	.03	.13	.14	.12	.11	.08	.03	.01	.50	.18	.23	34	.10	.01	.11	03	.02	.12	23	T	T	.15	.31	T	.08	
HOLUALOA 70	A	5.03	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.03	*	*	*	
HOLUALOA BEACH 68	A	4.54	*	*	.86	*	.16	.26	*	*	*	*	*	*	*	*	*	*	*	*	3.05	*	*	*	*	*	*	*	*	*	*	.21	
HONAUNAU 27			*	*	3.15	1.36			.61	*	*	1.22	.23			.24	*	*	.16	1.02	*	1.80	*	*	*	1.31		1.31	.70	*	*	*	
HONOHINA 137		3.87		.06		.56	.31	.16	.01	.04	.27	.03	.18	.01	02		.30	.03	.05	.08	.27	.20	.01	*	*	17	42	49	.01	.01	.01	.08		
HONOKANE 181.1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
HONOMU MAUKA 138		7.37		.08	.04	.23	.84	.22	.09	.31	.22	.01	.65	.32	.01		1.56	.09	.36	.39	.22	.09	.08	.02	.33	.59	.32			.14	.12	.04	
HOMUAULA 71	A	1.76	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.76	*	*	*	
HUALALAI 72	A	.51	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.51	*	*	*	
HUEHUE 92.1	A	5.25	1.10	*	*	*	*	.33	*	*	*	.13	*	*	*	*	*	.72	.43	*	*	*	*	*	*	*	*	*	*	*	*	2.54	
KAALA IKI 12	A	5.30	.35			T		.14	.07	.02	T	*	*	*	*	.02	.15		1.02	1.10	*	*	1.56	*	*	*	*	*	*	.54	.08	.25	
KAAWALOA 29	A	7.06	*	*	1.28	.95	.15	.45	.08	*	*	1.15	*	.12	.11	.01	*	*	.07	.39	.11	.64	.01	*	*	.68	.02	.78	.05	*	*	*	
KAIMALIU 73.2		10.84	.15	.41	.98	1.53	.11	.37	.22	1.27	.20	.04	.18	.05	.13	.03	T	.37	.10	.13	.29	1.37	.01	18	43	.13	.48	.63	.01	.22	.57	.25	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
KALAPANA NO 1 67.8		5 42			43	14		02	46	.33	.09	.02	T		.03			.03	.31		22	40	83	.14	.11	T	T		09	T	.22	T	.04	.65	.06	T	
KAPAPA NO 2 5	A	3 08	M	M	M	M	M	M	M	M	60	M	M	M	M	M	M	.80	M	M	M	M	M	M	M	.25	M	M	M	M	M	M	M	2.33	
KAPAPALA 142 2		2 08			.02	.02		.12	.02	.03	.03						.05	.20	.14	.87	.22	.03				.10				.03			.20		
KAPAPA A RANCH 76	A	2 25	M	M	M	M	M	M	M	M	.04	M	M	M	M	M	M	27	M	M	M	M	M	M	1.43	M	M	M	M	M	M	M	.51		
KAPOHO LANDING 93 5	A	4 97	M	M	M	.53	M	M	M	M	M	1.69	M	M	M	M	M	M	1.33	M	M	M	M	M	1.42	M	M	M	M	M	M	M	M		
KAWAINUI LOWER 193	A	5 77	M	M	M	M	M	M	1.20	M	M	M	M	M	M	1.02	M	M	M	M	M	M	2.85	M	M	M	M	M	M	.70	M	M		
KEAAU 92		7 55	.02	.22	.07	.40	1.08	.35	.06	.14	.27	.03	.47				.99	.08	.32	.43	.14	.03	.11	.04	.06	.54	.45			.57	.67	.01		
KEAAU REM 26 2			M	M	3.40	M	M	M	M	M	M	2.81	M	M	M	M	M	M	.44	M	M	M	M	M	1.10	M	M	M	M	M	M			
KEMENA 181 2	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
KILAUEA A & F 6	A	4.00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4.00	M	M	M		
KIEH 89 2	M	9 29			37	.57	37	.77	.51	.15	.28	.27	11	89	.15	.03	.01	.65	.23	.56	.65	.38	.08	.13			.43	.46	.51			.10	.50	.13		
KOHALA MAL ILI 176	A	2 35	M	M	.21	.20		.01	M	M	M	.15	12	.08			M	M	.64	.13	.20	.02	.02	M	M	.44	.05				M	M		
KOHALA MISSION 175.1		2 42	61			.37	02	02	.01	.10	.11	.02	.08	.04		T	.25		.09	.31	.01	.03	.04		.05	.15	.18		.03					
KOIAE LOWER 196	A	1 95	M	M	M	M	M	M	22	M	M	M	M	M	M	.45	M	M	M	M	M	M	1.10	M	M	M	M	M	M	.18	M	M		
KONA KAILUA 68 1	A	73	M	M	M	.18			.07	M	M	.04					M	M	.04		.05	04					.24			.06	M	M		
KONA VILLAGE 93 8		68	.10	.21													.27																
KOHIAL 222		1 03			05	.04				.02	.03	01	26	.05			.28						T			.18	.10							
KUAIHALE MIC 199		.69			02	.04						.02	32	.10			.02				.02	.01	.01		.05	.06	.02							
KUKUIHALE MILL 206	A	51								M	M	05	.18	.07	.01									M	M	.16	.03				M	M		
KUNIA CAMP 78		3 97	13	44	32	30	32	33	.09	.01	02	.02	04			.02	55	.12	.04	.23	.11					.06	.30			.09	.25	.18		
KUNIA MAUKA 76	A	30	05	.05																						.05				.15				
KUNIA SCHOOL SITE 78	A	4 53	45	M	M	M	M	M	M	1.30	M	M	M	M	M	M	1 72	M	M	M	M	M	M	36	M	M	M	M	M	M	.70	M		
KUNIAL 68 2		14 29	.04	51	.09		.02	.07	.55	28	07	.12	.30				08	90	96		3.18	2.17		.37	.13	.02	.14			.10	2.45	1.74		
MAKAHALAL 103		73												13							48												
MANUKA 2	A	3 10	M	M	.30	.70	T	.20	.30											.12	.80	T	.10	M	M	.30	T	T	.05	.35	M	M		
MAUNA KEA 085 111 2		17	15																											.02				
MAUNA LOA SLOPE 085		44				.04	.20					.02																		.18				
MIDDLE HOL ALOA 68 1	A	7 76	M	M	1.60	40	M	M	.55	M	M	M	M	M	M	M	M	M	M	M	M	M	5.21	M	M	M	M	M	M	M	M	M		
MIDDLE PER 147.1	A	1 32	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.62	M	M	M	M	M	M	M	M	M	M	M	.70		
MOAULA 18	A	2 00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.00		
MOUNTAIN VIEW 91		8 84	03	30	09	64	96	72	.20	20	38	05	.32	.01	02		1 01	.09	.33	64	17	.09	.21	.05	.08	.72	.53	.04		.32	.63	.01		
MAALEHU 14	A	3 51				08	.05	.16	.02						.02		.14		.30	1.16	1.08	.01								.06		.43		
MAPOPOO 28	A	5 67	M	M	2 43	M	M	M	M	M	M	1.68	M	M	M	M	M	M	.36	M	M	M	M	M	M	2.20	M	M	M	M	M	M		
MIULII 179	A	2.24	M	M	40	.48		02	M	M	M	.23	.10	.06		.02	M	M	21	04	M	.01	.04	M	M	.20	.38		.05	M	M			
OOKALA 223		1 67			03	T	.01	.08	T	.04	.02		.18	.21		.03	.24		.01				.15	.01	.05	.17	.21	.18		.05				
OPIHIHALE 2 24 1		5 96	T	85	1 10	15	02	99	33	14	T	42	03	T	.14	.02	.06	.12	T	.28	T	T	.05	.05	.16	T	.08	.14	.78	.05	T			
ORCHID LAND EST 91 5	A	5 95	M	M	.49	M	M	M	M	M	M	2 20	M	M	M	M	M	M	1 88	M	M	M	M	M	M	1.38	M	M	M	M	M	M		
PAAUHAU 217		M								M	M	.01	.25	02			M	M	.04				.01	M	M	.16	04				M	M		
PAALILO 221		82			07	01					04	01	20	T	T	T	.24						.05			.04	.13	.03						
PAHALA 21	A	2 02	.02					T											.40	.36	.69									.36	.05	.14		
PAHOA 65		7 82	04	44	14	.25	83	23	11	07	13	01	23	04	.03	10	1 00	08	.34	.81	.07	.17	.17	.06	.10	.89	.35	.11	.11	.53	.38			
PAKAO 37	A	4.00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4.00		
PAPAIKOU 144 1		4.92				25	53	.18	.05	27	.22	.01	.28	.06	.06	.01	.70	.08	.26	.42	06	.18	.07		.17	.25	.25	.01	.01	.26	.28			
PAPAIKOU MAUKA 140 1		7.89			.04	.30	87	41	18	40	.31	.15	.64	.22	05	.01	.83	.10	.45	47	.14	.48	.05		.35	.53	.39		.01	.21	.25	.05		
PIIHONUA 89	A	10 40	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	10.40	M	M		
POHAKULOA 107	A	31																M	M	.11	M	M	M	M	M	M	M	M	M	M	.20	M		
PUAKO 95 1	A	29		08													T	.21	T	T							T							
PUU KIWE 120	A	60	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.60	M	M		
PUU LAAU 102.1	A	1.22	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.22	M	M		
PUU OWUA 73	A	1 20	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.20		
PUU MALI 113	A	2 53	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.53	M	M		
PUU OO 82	A	1 89	1 89	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M		
PUU WAWAA 94.1	A	4 09	M	M	1 08												M	M	34	67	1.99	.01									M	M		
SADDLE ROAD 1 84	A	5 71	M	M	M	M	M	1.09	M	M	M	M	M	M	1 23	M	M	M	M	M	M	2.15	M	M	M	M	M	M	1.24	M	M	M		
SOUTH POINT CORRAL 1	A	1 38	M	M	M	M	M	M	M	M	22	M	M	M	M	M	M	30	M	M	M	M	M	M	.75	M	M	M	M	M	M	.11		
UMIKOA 118		M	.03							M	M	.03	.16	.01						05		M	M	M			M	.05			M	M		
UPOLU POINT USCG 159 2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WAIAKEA SCD 68 2		8 46	35	05	07	52	77	66	07	15	10	12	32		06	01	1 06	20	50	84	38	21	05	04	27	37	11	16		50	52			

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DAILY PRECIPITATION

HAWAII AND PACIFIC
JUNE 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND		2.88	.02	.56	.30	.16		65	33	23	12			05	T		04	01				13		01			09	09	T	02	07	
FAGA ALU RESERVOIR		14.80	.20	.10	.50	.70				.15	20	1.50						10	50	.10		50	25	50	90	3.75	1.60	1.65			90	70	
JOHNSTON WSO AP	R	.07				T	.01	T	T	T	.01	T						T	T		T	01			T	03	01			T	T	T	
LEOME		11.60	.35	.75	.15				50	20	.56						05			03	10	24	56	89	44	1.53	1.48	60	2.48	X	51	18	
FRENCH FRIGATE SHOALS		1.08												06		02		16	45				03			02	12	16			06		
LUMA VILLAGE		11.40	.30	.11	12	.25		01		07	11	.28	40	T			05	07		05	59	35	20	X	2.35	4.30	64	52	21	42			
MIDWAY SAND ISLAND		2.53		T	.03	.06	.46	86	.02					01	.26	.07	.20	14			19			T	05		T		01		16	01	
PAGO PAGO WSO AP	R	5.40	.06	.30	.02	T			23	.38	30						02	12		01	T	15	12	56	13	1.58	10	1.23	01	09		T		
SWAINS ISLAND		-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-			-	-		
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM		6.94	.43	.16	.78	.02	T	.02	2.28	.02	.21	01	15	92	.64	.19	02	03	02	41	.01	04		13		T				43	02	T	
CLARK AFB LUZON		15.92	.19	.31	.14	3.43	2.22	.08	T	T	.02	2.49	4.01	1.88	25			T			.19					.03	04	06	10	T	33	16	
GUAM MAS		8.03	.86	.01	.40	T	02	.39	1.80	.01	.02		05	53	1.10	06	14		08	.46	T	03		35	02		T			86	76	08	
GUAM WSO	R	10.46	.69	.03	1.02	.08	.01	.10	2.84		05		08	1.10	1.21	09	.09	06	33	99	06	69							01	49	43	01	
MANGILAO		10.06		.04	1.14	.34	.83	03	.52	1.32	70	08	.04	25	1.67	03	06	22	23	06	18			20	09						1.41	62	
ROTA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SAIPAN USCG LORAN		-	-	-	-	-		-											-	-	-	-	-	-	-	-		-	-	-	-		
WAKE WSO AP	R	1.74			T			06				T	13	T	12	06	T	01					03	12	01	06	61	44	T	07				
* * * CAROLINE AND MARSHALL ISLANDS																																
ANGUAR		14.29	.32	.18	3.07	.17	40	2.00	1.43	58	2.15				.14		15	23	37		20	30	04			32					92	42	
ENIWETOK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FALALOP I, ULITHI		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KOROR WSO	R	9.72	2.16	.07	.23	.43	47	.13	.55	13	12	68				22	37	15	T	24		2.42	T	20	02	16	02	66			23	16	
KWAJALEIN WSO AP	R	9.05	T		T	.01	.03	1.21		T	23	1.00		02	19	22	1.66	T	14	89	24	52	T	01	03	16	14	T	03	02	26	2.04	
LELE I. KUSAIE		16.62	3.52	.21		.60	.86	.88	1.16		.58	40			20	1.12		39	05	62	31		45	48	25	.19	55		1.04		12	2.64	
MAJURO WSO AP	R	13.66	.97	.33	.10	.31	1.07	.98	.02	02	13	21	72	19	19	29	1.06	03	T	49			02	06	30	48	2.27	T	T	T	1.58	1.84	
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MOKIL ATOLL		-	-	-	-	-	-	-	-	-		-	-						-	-	-	-	-	-	-	-		-	-	-	-	-		
NGASANG, BABELTHUAP		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
PONAPE WSO	R	21.27	2.75	.43	.61	1.14	1.05	1.12	35	.68	1.20	14	1.54	24	02	41	07	01	08	91	86	87	04	.63	.11	.07	06	1.59	T	1.59	1.52	08	
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TRUK, MOEN I. WSO AP	R	14.83	T	T	.19	1.06	.36	.06	.02	.66	.32	79	78	12	.47	48	17	35	1.92	1.94	.02	.08	.05	38			T	.07	34	.38	1.06	2.76		
WOLEAI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
YAP WSO AP	R	14.30	.41	.01	.12	.20	2.92	2.58	05	36	.63	.67	.07	.03	06	78	15	19	61		.74	2.16	T	05	09				11	T	1.09	32		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
HAWAII																																	
* * *																																	
ISLAND OF KAUAI 0																																	
KANALOHULUHULU 1075	MAX	72	74	72	73	74	72	73	73	69	68	72	73	74	72	70	74	73	67	70	74	71	73	70	72	72	74	71	68	72	72		71.8
	MIN	50	52	51	56	53	56	57	58	51	57	55	52	54	57	52	49	50	56	53	54	56	55	50	56	55	55	56	52	52	54		53.8
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	82	83	83	83	83	84	84	83	83	81	85	83	83	83	83	83	84	84	84	84	84	85	83	84	84	84	84	83	83	83		83.4
	MIN	74	73	76	72	76	75	77	76	74	72	74	76	76	74	76	71	67	73	73	77	73	72	72	72	72	75	74	73	72	74		73.7
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	86	86	87	88	88	87	88	87	88	89	82	88	87	86	86	86	87	88	86	82	87	86	87	88	87	87	88	87	83	85		86.6
	MIN	65	64	64	65	66	64	65	64	65	65	64	64	63	68	69	68	66	69	68	68	67	67	66	68	66	66	67	68	66	67		66.1
NIU RIDGE 1035	MAX	81	83	82	83	84	82	84	83	81	84	79	83	84	82	83	84	83	84	82	80	84	83	82	84	82	83	84	84	80	81		82.6
	MIN	63	64	61	62	62	64	65	62	65	63	60	60	60	60	64	65	62	63	65	64	65	64	65	63	63	62	62	63	63	64		62.9
WAIAHI LOWER 1054	MAX	82	80	82	80	80	80	81	81	80	80	80	81	80	81	81	82	84	82	80	80	81	81	81	81	81	80	80	80	79	80		80.7
	MIN	64	65	64	65	65	65	65	64	65	64	63	62	61	65	64	65	59	64	64	67	66	66	63	64	65	64	65	63	67	63		64.2
* * *																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	83	84	83	85	84	85	86	85	85	84	84	84	84	83	82	84	84	86	86	87	86	85	84	84	85	85	84	86	85	85		84.6
	MIN	72	72	73	72	72	75	75	75	75	70	72	73	74	72	73	74	73	72	75	75	74	73	72	70	72	72	72	69	70	72		72.7
EWA PLANTATION 741	MAX			88	85	83	85	86			85	85	86	85	83			87	87	87	85	85			85	85	85	86	88				
	MIN			66	68	67	68	70			67	66	68	66	68			65	68	67	67	68			66	68	67	68	67				
HONOLULU WSO 703 AP	MAX	88	88	87	86	88	88	88	86	86	87	88	87	84	86	89	85	86	88	88	88	88	86	83	86	88	88	88	82	85	86		86.7
	MIN	67	72	75	74	73	73	72	75	74	73	73	74	72	72	70	67	69	70	67	74	73	70	72	73	73	72	72	70	69	73		71.8
HONOLULU SUBSTA 704	MAX	82	82	80	80	81	83	83	79	81	81	82	81	79	81	84	81	81	85	83	81	82	81	81	81	81	81	82	79	80	81		81.3
	MIN	68	69	69	74	73	75	74	75	74	73	75	75	74	72	74	72	72	74	71	72	73	71	71	73	73	73	72	71	71	74		72.6
KANEOHE MAUKA 781	MAX	80	83	83	84	84	83	84	82	78	81	81	83	82	80	80	83	83	85	83	84	83	82	81	80	82	82	83	83	83	81		82.2
	MIN	69	69	71	73	73	70	73	73	70	71	72	73	72	70	70	72	70	71	72	72	70	69	71	73	73	72	69	70	71	74		71.3
LUALUALEI 804	MAX	86	85	86	84	85	86	82	83	84	82	87	86	84	82	85	84	88	87	86	86	84	83	84	85	86	86	86	79	82	84		84.6
	MIN	66	70	73	71	72	70	73	73	70	69	70	73	66	69	68	65	65	68	71	68	67	70	68	72	72	67	69	66	66	68		69.2
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	82	80	82	82	80	79	80	80	79	79	80	80	79	80	80	80	79	82	82	82	82	80	82	80	80	82	82	78	85	82		80.7
	MIN	65	67	65	65	66	65	67	68	66	67	68	66	65	67	64	66	65	63	65	67	65	64	66	67	65	67	68	68	69	64		66.0
PRI WAHIAWA 820.2	MAX			86	83	83		85			84	84	84	83	81			87	86	85	87	84			83	83	85	84	85				
	MIN			63	67	66		67			65	64	67	64	68			64	65	68	65	66			65	66	64	66	66				
WAIALEE 896.3	MAX	83	85	83	83	83	83	84	84	83	84	83	84	84	82	81	86	87	88	88	86	86	83	84	82	83		85	85	86	84		84.2
	MIN	71	71	72	69	70	71	70	72	72	70	71	73	71	71	70	70	70	70	71	69	71	70	66	70	73		70	70	69	69		70.7
WAIALUA 847	MAX	84	87	87	85	83	85	87	84	84	85	83	85	85	83	82	87	86	85	86	87	85	85	84	83	85	86	85	87	83	81		84.8
	MIN	66	61	66	67	65	64	69	69	66	64	64	65	63	65	67	64	65	66	68	65	65	66	70	66	65	63	66	65	66	69		65.7
WAIKIKI 717.2	MAX	83	87	88	86	86	87	87	87	86	86	86	87	82	84	85	88	85	86	90	87	86	86	86	86	86	86	87	86	83			86.0
	MIN	70	70	74	72	72	72	71	72	76	70	72	73	68	71	73	66	68	69	70	72	72	70	71	72	72	71	68	68	69			70.8
WAIMANALO EXP FARM	MAX	82	83	83	82	81	83	83	82	82	82	80	82	83	82	82	83	86	83	84	84	83	83	83	81	81	81	83	84	84	84		82.6
	MIN	69	73	72	72	71	72	74	72	72	71	71	73	73	71	72	71	69	67	69	73	73	69	71	71	71	71	72	73	70	72		71.3
* * *																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	83	83	81	80	85	82	83	81	81	80	81	82	82	81	85	82	82	83	84	83	82	81	82	81	83	80	80	80	82	82		81.9
	MIN	72	72	72	71	71	70	72	71	70	70	71	72	72	69	72	78	69	68	70	70	69	70	77	72	72	71	70	68	67	71		71.0
* * *																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	76	72	76	76	76	76	79	74	74	79	77	75	76	75	75	77	78	79	81	81	74	73	74	77	76	78	76	77	76			76.3
	MIN	63	62	62	63	63	62	61	64	64	62	62	63	62	62	63	64	63	63	63	63	62	64	64	62	62	62	61	62	61			62.6
* * *																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	64	62	65	62	61	63	62	64	70	67	64	68	71	69	68	59	56	58	61	66	66	66	62	67	63	63	63	63	56	62		6[illegible].7
	MIN	44	47	46	45	43	44	44	52	46	45	45	42	48	48	41	40	40	43	48	44	50	50	47	46	42	40	40	39	43	46		44.6
HALEAKALA SUMMIT 338.4	MAX			56	48	52	58	59			65	64	70	63	64			63	52	52	53	54			57	55	56	57	58				
	MIN			40	40	39	39	43			46	44	45	47	43			41	40	39	39	40			40	41	43	41	38				
HANA AIRPORT 355	MAX	86	84	85	83	83	84	84	83		85	84	85	84	83	84	83	84	84	83	84	84	84		84	84	84	84	85	85	84		84.0
	MIN	69	72	69	69	69	73	71	70		68	70	67	69	69	71	70	71	71	71	68	69	69	66	69	70	68	67	67	67	67		69.2
KAANAPALI AIRPORT	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	84	87	83	85	87	89	86	86	85	85	85	85	83	85	89	89	88	88	88	85	86	85	86	85	85	86	86	87	87	87		86.1
	MIN	68	66	63	70	63	66	66	71	70	66	66	70	71	70	70	67	65	65	66	68	69	65	70	71	72	65	62	63	64	69		67.3
KAILUA 446	MAX			79	80	76	78	79			78	77	77	78	78			78	79	78	78	78			79	77	77	77	79				
	MIN			64	66	65	67	67			67	67	67	69	67			66	65	65	65	65			65	65	67	65	66				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX																														
	MIN																														
KULA SANATORIUM 267	MAX	72	74	73	74	73	73	74	73	72	71	74	73	74	73	72	73	74	72	74	75	73	73	75	76	72	72	71	72	70	70		72.9
	MIN	59	58	58	55	56	57	58	58	57	57	58	57	58	59	60	60	61	58	59	60	57	58	57	56	57	57	58	59	59	60		58.0
LAHAINA 361	MAX	88	88	87	86	86	87	87	88	86	85	86	88	87	85	84	86	87	87	86	89	87	86	87	87	87	87	86	85	87	86		86.6
	MIN	69	69	69	69	68	69	68	68	67	69	68	68	68	70	65	65	69	69	70	68	70	69	67	67	68	68	68	68	68	68		68.2
WAILUKU 386	MAX			85	82	82	83	84			82	82	82	82	81			86	88	85	84	82			82	82	82	81	82				
	MIN			69	70	71	71	72			69	71	71	71	70			69	68	69	72	72			70	71	71	70	70				
* * *																																	
ISLAND OF HAWAII																															
HAINA 214	MAX	83	82	84	82	82	82	82	80	81	82	79	82	82	82	81	80	83	83	83	80	83	83	82	83	83	82	82	84	83	82		82.1
	MIN	65	66	66	67	67	70	70	68	68	65	68	69	68	69	68	68	67	67	67	67	68	68	69	65	69	66	66	66	66	65		67.3
HAWAII VOLCNS NP HQ 54	MAX	72	72	70	69	64	64	69	69		68	70	69	68	69		70	71	72	72	72	70	70	71	70	65	72	69	70	70	68		69.5
	MIN	54	55	52	54	55	54	55	54		53	55	54	53	55		54	58	57	55	54	53	53	54	54	54	51	52	54	54	52		54.0
HILO WSO 87 AP	MAX	85	84	84	82	81	85	81	81	81	82	82	83	82	81	82	84	84	84	84	83	83	84	82	82	83	83	85	85	84	82		82.9
	MIN	68	69	66	68	68	68	69	68	67	64	70	70	69	67	68	69	71	69	68	68	67	65	69	68	68	64	67	65	66	64		67.6
KAINALIU 73.2	MAX	73	78	77	79	77	79	77	78	77	77	75	80	79	76	78	76	77	75	77	78	78	79	79	79	77	75	77	77	77	76		77.2
	MIN	63	64	60	63	63	65	67	66	66	65	65	62	65	64	67	65	63	62	63	63	64	63	62	64	62	62	64	63	62	63		63.7
KAMUELA 192.2	MAX	77	74	75	73	76	74	75	73	74	72	73	74	73	73	72	74	76	76	78	76	74	74	73	75	72	74	73	74	78	75		74.3
	MIN	55	57	57	55	57	59	57	59	59	57	58	58	60	58	59	58	58	57	58	57	57	54	57	58	57	58	58	59	60	60		57.7
KEAAU 92	MAX	82	83	81	80	80	78	81	79	75	76	76	77	77	76	76	82	82	82	81	82	82	82	82	80	80	81	81	82	82	80		79.9
	MIN	64	59	65	64	66	67	66	61	65	64	64	67	66	66	61	67	66	68	66	66	66	62	66	66	66	63	63	64	67	64		64.8
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	83	81	81	82	79	81	82	82	80	81	80	81	81	81	80	80	84	83	82	81	81	82	81	82	80	81	81	83	83	83		81.4
	MIN	66	66	69	66	68	68	68	67	66	67	67	67	69	69	67	66	67	68	67	68	68	69	68	66	66	68	67	65	68	66		67.2
KONA (KAILUA) 68.3	MAX				84	83	83	84			84	82	83	83	84			85	83	84	86	85			85	85	81	83	85				
	MIN				70	71	71	73			71	72	70	74	72			70	70	70	69	71			71	70	70	69	70				
KULANI CAMP 79	MAX	65	66	65	63	63	60	63	65	64	63	65	64	63	65	65	61	65	65	65	67	65	63	65	65	62	62	63	63	63	63		63.9
	MIN	48	50	47	49	49	49	49	48	48	42	48	48	42	52	51	52	50	51	44	43	42	44	48	51	51	50	44	48	42	42		47.5
MAUNA LOA SLOPE OBS	MAX	48	51	51	50	52	55	55	52	56	53	56	56	55	58	55	53	50	50	59	54	53	52	53	56	52	52	50	47	45	55		52.8
	MIN	35	36	35	35	37	38	38	36	36	37	37	38	42	42	43	40	37	36	38	37	37	36	39	38	36	35	35	34	34	36		37.1
MOUNTAIN VIEW 91	MAX	82	82	82	79	77	72	77	75	75	75	74	78	78	76	79	79	79	79	78	80	79	80	80	80	76	77	78	77	77	77		77.9
	MIN	58	58	58	60	62	62	63	57	57	57	60	64	62	60	62	62	62	64	62	62	60	58	58	58	61	57	60	59	58	58		60.0
NAALEHU 14	MAX			80	80	76	77	78			79	80	80	80	79			81	81	75	81	80			81	76	78	80	80				
	MIN			66	67	67	67	68			63	67	67	66	66			67	68	67	67	66			64	68	66	65	65				
OOKALA 223	MAX	80	80	80	82	81	81	83	80	81	80	78	80	81	80	80	80	81	82	82	81	81	82	80	80	80	81	80	81	82	82		80.7
	MIN	65	67	66	69	67	67	70	67	61	69	69	67	69	69	68	67	69	69	68	67	68	69	67	67	66	67	67	69	70	75		67.8
OPIHIHALE 2 24.1	MAX																																
	MIN																																
PAHALA 21	MAX			80	80	76	77	78	80	79	82	80	80	79	78	80	78	81	78	74	80	78			81	78	79	80	78	80	78		78.9
	MIN			61	62	65	62	62	63	60	60	61	61	61	62	65	67	66	66	61	61	60			61	63	58	61	62	62	61		62.1
PUAKO 95.1	MAX	84	85	86	87	86	86	85	85	86	85	85	87	85	87	84	82	82	83	84	86	89	88	87	88	88	86	86	82	84	86		85.5
	MIN	70	68	72	71	69	72	73	74	72	68	73	74	74	72	72	70	69	71	69	73	71	69	72	73	73	70	70	69	68	69		71.0
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
* * *																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	91	91	88	89	90	86	88	88	89	89	86	87	89	87	88	87	87	88	89	86	90	90	91	89	87	91	91	89	92	91		88.8
	MIN	77	75	76	75	77	75	74	76	75	77	78	79	78	78	77	79	79	78	77	77	76	77	78	78	78	76	76	77	78	78		77.0
JOHNSTON WSO AP	MAX	84	84	83	84	84	85	85	85	85	83	84	84	84	83	83	84	85	83	86	85	85	85	84	83	84	84	84	84	84	85		84.2
	MIN	77	77	77	79	77	78	78	77	77	77	78	77	78	78	78	77	77	76	76	75	77	78	78	77	78	76	77	75	78	78		77.2
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX	81	83	84	86	84	85	84	85	84	86	92	86	93	86	86	86	93	84	85	85	83	82	83	83	84	82	82	79	84	83		84.8
	MIN	72	71	72	72	73	72	74	74	71	74	74	70	72	72	75	74	70	73	76	74	73	75	75	73	72	74	77	73	73	75		73.2
MIDWAY SAND ISLAND	MAX	78	82	82	83	76	70	76	80	82	82	82	81	80	83	77	76	77	79	79	80	81	83	83	83	83	83	82	83	84	83		80.4
	MIN	70	73	71	73	61	63	68	70	73	73	73	72	72	73	72	70	70	70	72	73	73	73	75	74	74	74	71	72	73	74		71.5
PAGO PAGO WSO AP	MAX	83	85	85	85	85	85	85	83	84	84	83	83	84	83	83	84	85	83	83	83	82	80	82	79	83	82	82	83	85	80		83.2
	MIN	78	77	73	77	72	70	74	74	73	75	78	77	79	79	74	71	78	78	79	79	75	74	74	72	75	74	78	75	72	73		75.2
SWAINS ISLAND	MAX																																
	MIN																																
* * *																															
WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	84	84	82	84	83	84	82	84	85	84	83	81	82	84	84	83	83	84	85	85	85	85	85	86	86	86	87	83	83	85		84.0
	MIN	74	78	78	78	79	78	77	76	77	78	77	75	74	78	78	76	77	76	75	76	76	76	78	77	78	77	78	76	77	78		76.9
CLARK AFB LUZON	MAX	82	82	88	77	81	88	90	88	84	88	81	82	88	93	93	88	90	93	90	93	93	91	93	93	93	93	93	93	93			88.8
	MIN	73	73	73	73	73	73	75	73	75	75	73	75	73	73	79	81	79	79	79	77	75	75	75	73	73	73	77	79	77	77		75.3
GUAM NAS	MAX	85	85	84	85	86	85	84	84	85	85	84	83	84	87	86	87	88	88	88	87	92	89	89	90	87	87	94	83	85	90		86.5
	MIN	78	78	78	78	79	79	78	78	78	80	78	79	77	80	76	77	77	78	76	77	76	78	78	78	78	78	79	76	76	77		77.8
GUAM WSO	MAX	85	87	84	86	85	86	84	85	87	86	84	82	85	87	87	86	87	86	86	86	87	88	88	87	88	87	87	84	84	86		85.9
	MIN	72	75	75	73	75	76	72	73	72	72	73	73	73	73	71	72	73	74	70	69	68	71	70	69	70	70	72	71	74	73		72.1
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	86	86	87	87	88	87	85	88	86	86	88	87	86	87	87	87	86	87	88	87	88	88	86	80	80	82	86	86	87	86		86.2
	MIN	75	75	75	75	75	74	75	74	74	76	72	75	75	73	76	73	75	74	75	75	76	74	73	74	71	71	73	74	76	76		74.3
* * *																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	89	90	82	84	82	87	86	87	89	86	90	90	89	88	89	90	89	89	89	87	88	92	89	86	89	88	90	89	89	89		88.0
	MIN	76	77	75	75	75	74	75	75	74	72	75	77	78	76	74	75	75	73	76	73	76	75	76	76	76	77	78	77	76	78		75.5
KWAJALEIN WSO AP	MAX	86	86	88	88	87	87	87	87	84	83	86	86	85	86	80	86	87	87	85	86	88	87	87	86	84	87	88	86	87	83		86.0
	MIN	76	79	78	80	76	75	79	80	75	75	78	76	76	76	75	78	78	76	76	75	80	79	79	78	78	78	79	78	74	73		77.1
LELE I. KUSAIE	MAX	88	88	87	88	87	89	89	89	88	87	88	90	90	88	88	88	88	90	89	90	88	88	88	90	88	90	87	90	88	88		88.5
	MIN	74	76	77	76	76	74	75	76	75	75	75	76	75	75	76	74	75	75	75	76	75	76	76	76	75	74	74	75	76	74		75.2
MAJURO WSO AP	MAX	86	86	86	85	84	86	86	86	85	85	85	82	85	86	82	85	85	86	85	86	86	86	85	85	81	85	85	86	84	85		85.0
	MIN	75	76	77	77	75	77	76	75	77	76	74	76	75	76	74	77	78	75	76	77	78	78	76	76	74	77	78	78	75	74		76.1
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	84	87	88	85	80	83	88	88	81	88	85	87	88	89	87	90	89	89	81	87	90	88	89	90	90	89	85	89	78	88		86.7
	MIN	73	72	75	75	72	71	71	74	72	72	73	72	71	72	73	73	73	74	72	71	71	72	72	72	72	73	73	74	73	73		72.5
TRUK, MOEN I. WSO AP	MAX	87	88	89	84	88	87	89	88	86	87	84	87	86	88	90	87	86	87	88	85	89	88	90	90	88	87	88	84	87	83		87.2
	MIN	75	79	76	74	76	76	76	77	77	76	76	76	75	75	73	75	74	74	74	75	76	75	74	77	77	76	76	74	77	74		75.5
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	88	88	86	86	87	81	87	86	87	82	87	85	87	88	86	88	82	87	88	82	87	87	85	87	86	88	89	88	87	87		86.3
	MIN	76	75	76	75	73	72	75	74	73	74	74	76	75	75	74	73	73	73	75	73	73	74	74	77	74	73	73	77	74	74		74.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
* * * ISLAND OF KAUAI 01																																	
LIHUE WSO 1020.1 AP	EVAP	.32	.29	.15	.48	.48	.33	.32	.27	.31	.31	.20	.39	.27	.36	.39	.27	.30	.28	.20	.33	.35	.36	.31	.41	.35	.34	.36	.26	.32	.33		9.64
	WIND	96	98	144	156	143	144	134	145	155	123	151	140	160	186	163	131	65	64	65	158	190	209	202	169	190	183	87	222	88	128		4289
	MAX	78	79	78	76	79	88	91	90	85	86	81	88	87	87	84	87	91	90	85	87	88	85	85	87	86	87	88	90	89	88		85.7
	MIN	66	67	66	68	67	67	68	67	66	66	66	67	67	65	67	67	64	65	68	68	67	66	65	66	58	59	67	66	66	67		66.0
* * * ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.24	.21	.33	.32	.33	.30	.28	.28	.26	.31	.25	.34	.30	.25	.25	.25	.30	.35	.22	.29	.35	.30	.25	.30	.30	.45	.30	.26	.09	.18		8.44
	WIND	23	25	46	44	43	42	33	38	37	33	29	33	31	32	29	29	28	25	31	31	54	25	32	36	39	40	34	23	16	23		983
	MAX	86	90	92	92	90	90	89	87	87	89	85	91	82	84	85	85	92	96	96	91	87	89	89	87	91	92	91	92	85	87		89.0
	MIN	65	66	67	67	67	67	67	67	66	66	65	67	65	66	66	66	68	69	71	67	67	67	67	66	66	65	66	67	67	66		66.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
PACIFIC																																	
* * * EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.41	.37	.33	.33	.34	.41	.39	.42	.40	.45	.42	.42	.37	.35	.32	.37	.40	.35	.30	.45	.45	.36	.50	.35	.44	.37	.38	.27	.53	.38		11.63
	WIND	190	193	218	219	219	212	206	212	221	240	237	230	235	216	197	189	144	134	119	142	192	233	266	244	236	180	178	171	193	195		6061
	MAX	92	91	91	91	92	92	93	92	92	93	91	89	88	92	90	92	94	94	98	94	91	91	92	88	91	92	90	92	92	92		91.7
	MIN	74	73	74	74	74	74	74	74	74	74	74	73	75	74	74	73	75	72	74	74	74	73	73	77	73	73	73	73	73	73		73.7
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.28	.20	.22	.29	.22	.27	.21	.21	.21	.22	.19	.20	.19	.15	.24	.20	.02	.22	.19	.17	.21	.15	.18	.22	.26	.13	.27	.00	.08	.19		5.88
	WIND	*	222	84	116	114	220	164	110	71	67	105	167	151	92	50	35	47	39	31	16	16	33	33	32	31	30	38	18	64	59		2255
	MAX	91	93	87	92	90	88	85	91	92	91	86	90	89	94	95	90	94	92	89	83	92	94	92	97	96	97	93	90	86	92		91.0
	MIN	74	73	75	72	73	73	73	71	72	72	73	73	72	73	73	74	73	74	72	71	68	74	73	73	74	74	75	75	73	72		72.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI 01												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	SP	SP			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	LESLIE WILLIAMSON
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A		3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4316	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR *5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CLOSED 5/6/74
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980					S MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1650		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125					S MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C	J NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A			S A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788					S MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290					S MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 50 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA H & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	B	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	B	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS													
ISLAND OF OAHU													
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		WI			CLOSED 5/6/74
NEW STATIONS													
ISLAND OF OAHU													
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
*GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation								
										No. of Days								Snow Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	10 or More	50 or More	100 or More
PACIFIC																							
* * * DECEMBER 1973																							
KAPINGAMARANGI ATOLL	87.5	75.7	81.6		90	30+	68	8		4	0	0	0					.0	0				
SWAINS ISLAND	84.3	67.5	75.9		89	22	61	11		0	0	0	0			3.83	13	.0	0				
* * * JANUARY 1974																							
FAGA ALU RESERVOIR														16.97		2.70	24	.0	0		20	14	4
FALALOP I, ULITHI	86.2M	78.9M	82.6M		88	12+	76	22+		0	0	0	0					.0	0				
NGASANG, BABELTHUAP														12.26		3.92	17	.0	0				4
* * * FEBRUARY 1974																							
NGASANG, BABELTHUAP														8.06		4.12	9	.0	0		14	2	4
* * * MARCH 1974																							
NGASANG, BABELTHUAP																		.0	0				

See Reference Notes Following Station Index

LATE REPORTS
DAILY PRECIPITATION

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
• • •																																
DECEMBER 1973																																
KAPINGAMARANGI ATOLL	-	-				.02		.06	.54	.38	-						.36	.70	.18			.08	1.65	1.08			-	-	1.25			
SWAINS ISLAND	-	.20	2.85	.25	.87	3.82	.35	.03	.03	1.62	.25	.39	1.14	3.83	.56	.05	.11	.63	1.44	.04	.35	.10	-	.15	.02	.83	.18	.25	-	.16	.89	.85
• • •																																
JANUARY 1974																																
FAGA ALU RESERVOIR	16.97	.20			.50	.40		.90	.60	.30	.10	.10	.50	.10	.70	.50	.15	.30	.05	.10	.50	.80	.10	1.52	2.70	.30		.10	.85	1.20	.95	2.45
FALALOP I., ULITHI	-	-	.40	.85		.14	.27	.04	.22	.17	.54	.13		.10	.30	.01	.13	.05	1.18		.35	.26	.07	.31	2.95	.28	-	-			.02	.62
NGASANG, BABELTHUAP	12.26				.18	.30	.82	.15	.56	.60	.27	.64	.01	.27	.10	.02	.68	3.92	1.70	.27	.02			.11	.07			•	.52	.06	.12	.89
• • •																																
FEBRUARY 1974																																
NGASANG, BABELTHUAP	8.06	.01		.23	.05	.07			1.12	4.12					.22	.02	.04	.12		.45	.12	.44	.08	.39	.09	.02	.13	.34				
• • •																																
MARCH 1974																																
NGASANG, BABELTHUAP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.46	.31	.01	1.37

See reference notes following Station Index.

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX																																
	MIN																																
* * *	MAX																																
	MIN																																
DECEMBER 1973	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX	88	90	88	85	85	84	86	86	89	86	85	86	90	90	88	87	87	87	87	88	89	89	87	88	88	89	89	85	89	90	88	87.5
	MIN	78	79	72	78	78	71	77	68	76	76	71	74	78	76	77	76	75	78	74	78	78	74	71	80	77	77	75	76	75	79	74	75.7
SWAINS ISLAND	MAX	83	79	79	79	79	86	88	87	79	84	76	86	78	87	88	84	84	82	81	87	88	89	88	85	86	88	88	87	88	85	84	84.3
	MIN	67	64	63	64	63	69	71	70	64	68	61	69	63	70	70	67	67	64	65	70	70	71	70	67	70	70	70	70	70	68	68	67.5
* * *	MAX																																
	MIN																																
JANUARY 1974	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX		86	84	86	87	86	86	88	88		86	88	87	85	86	86	86	86	87	86	86	85	87	85	85			87	86	87	86	86.2
	MIN		78	76	78	80	80	79	80	81	77	76	80	77	78	81	82	80	79	77	77	79	76	82	78	77			78	81	81	80	78.9
	MAX																																
	MIN																															

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII".

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

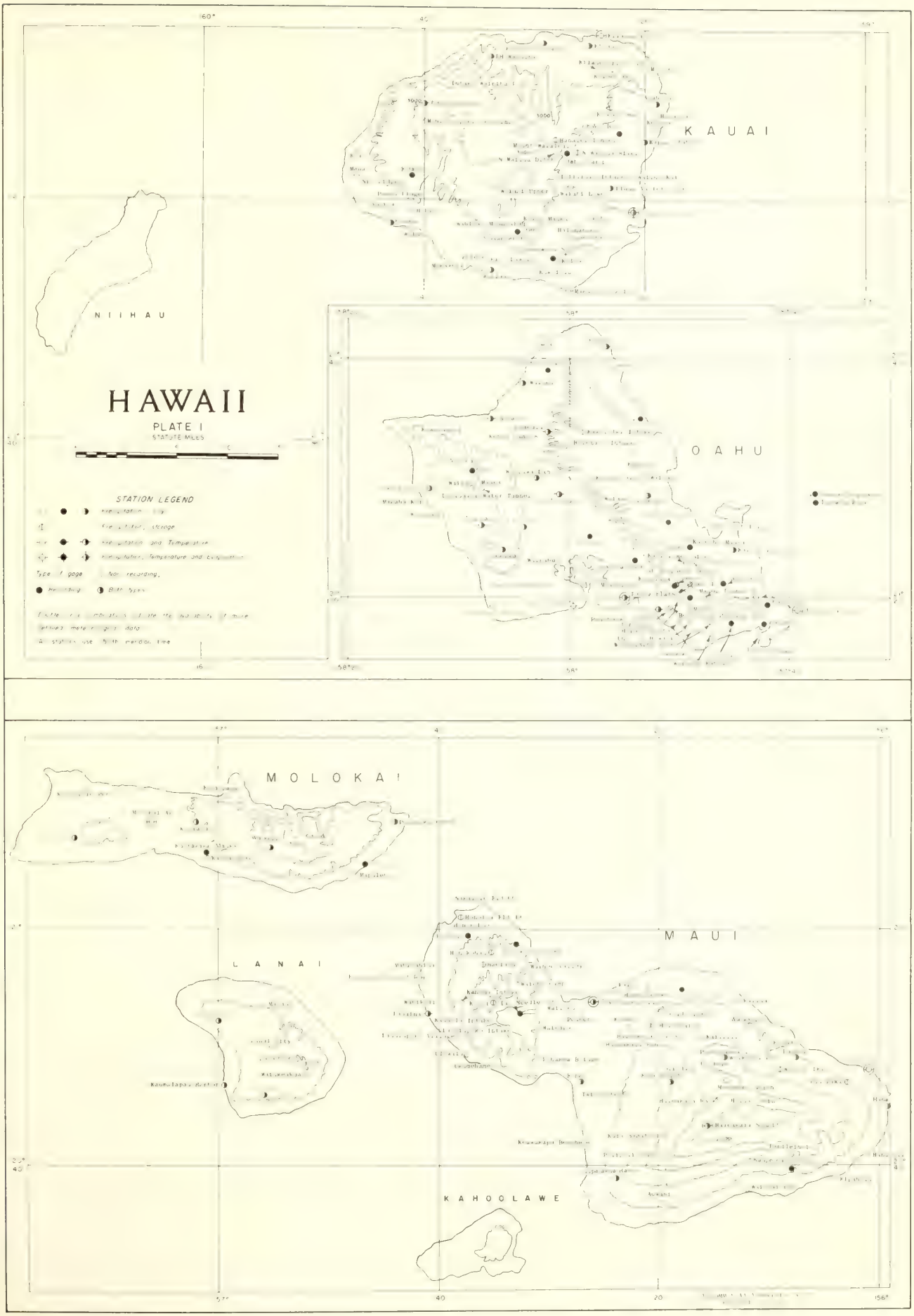
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

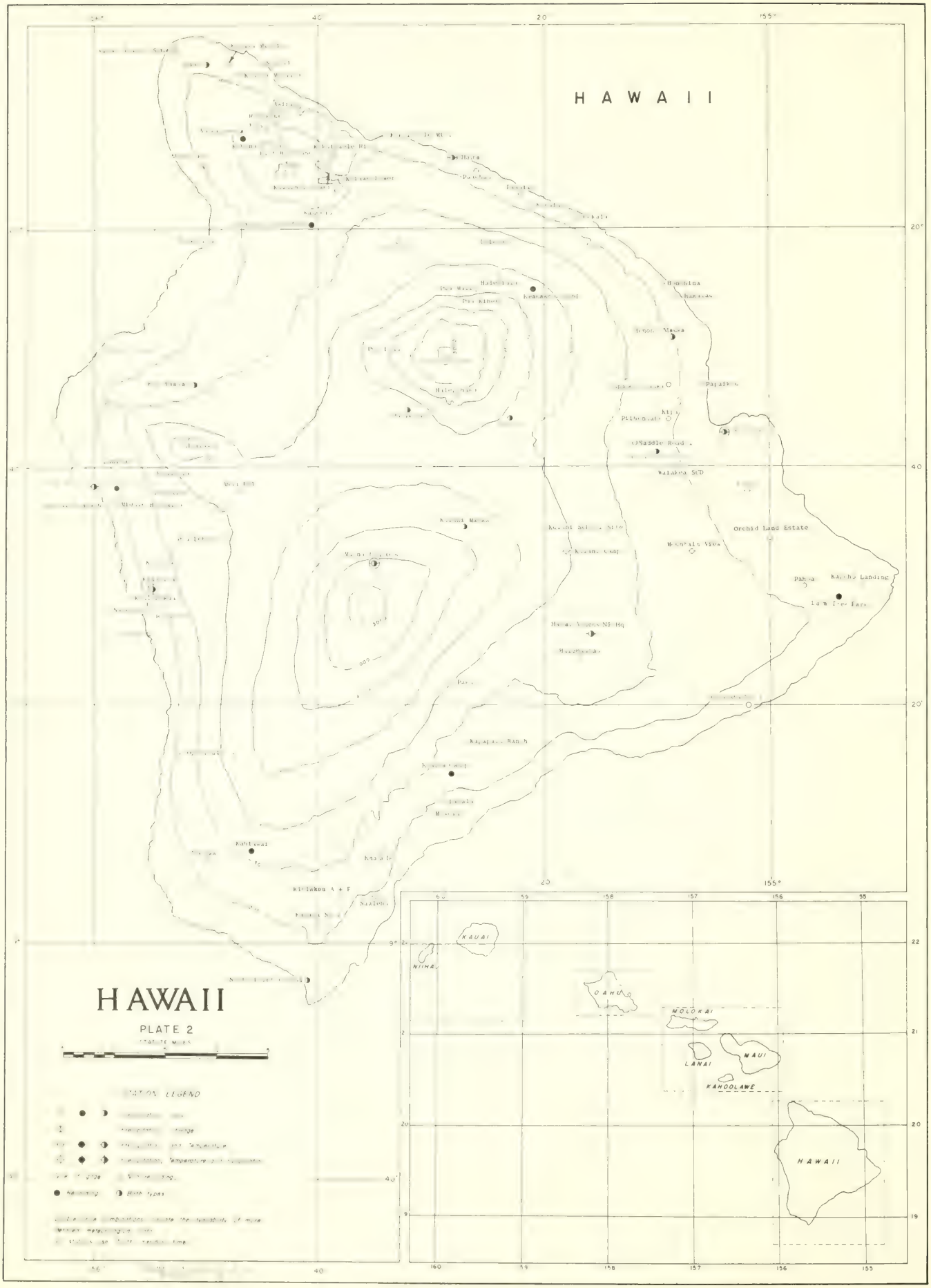
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

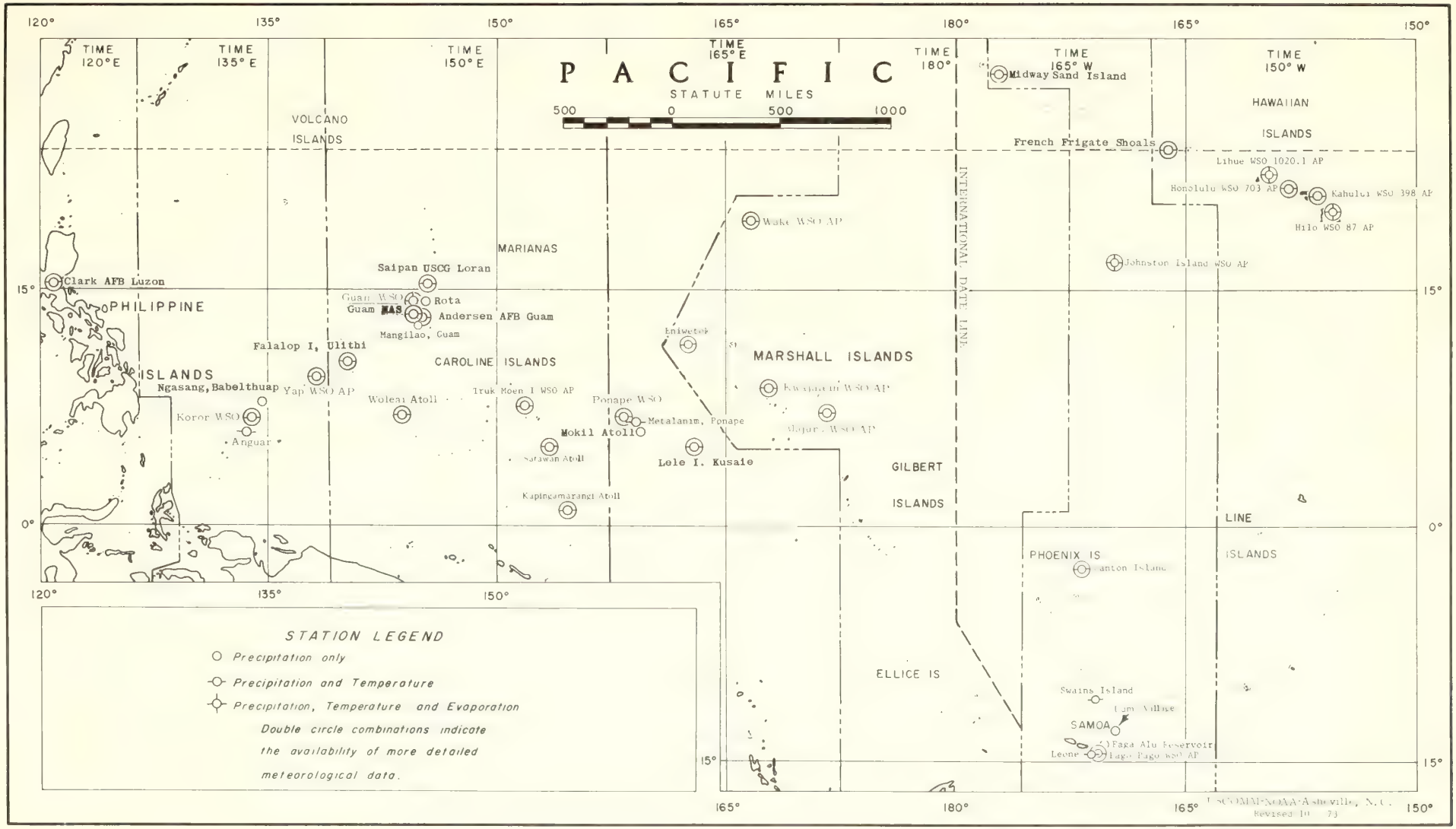
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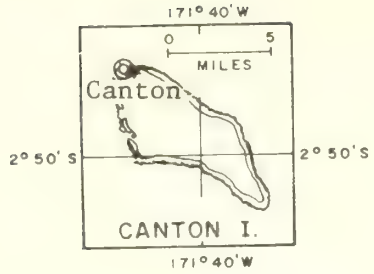

KAUAI
NIIHAU
HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE

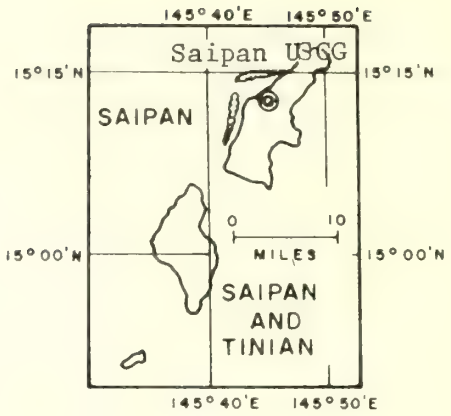


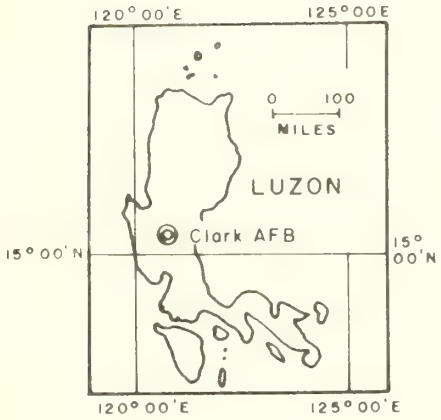
HAWAII

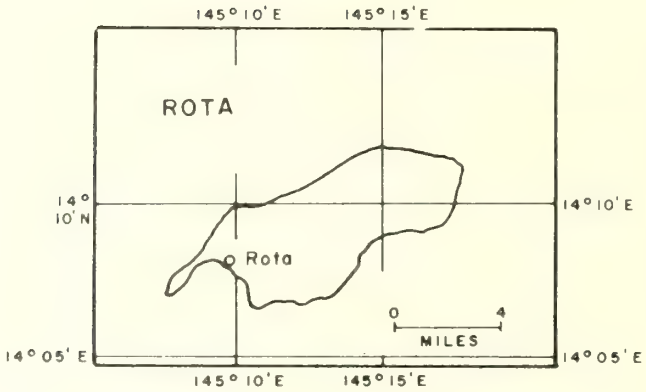
PLATE 2

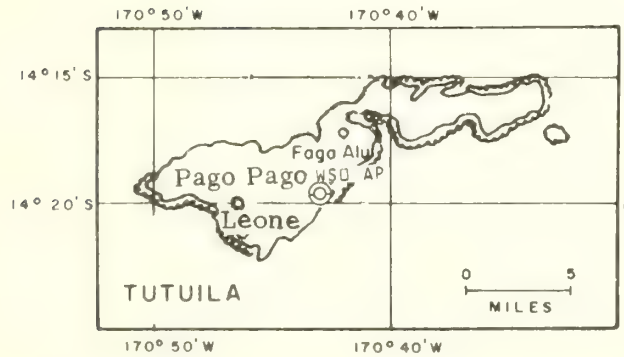

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120°E
TIME 135° E
TIME 150°E
TIME 165°E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
PHILIPPINE ISLANDS
CAROLINE ISLANDS
MARSHALL ISLANDS
GILBERT ISLANDS
ELLICE IS
PHOENIX IS
LINE ISLANDS
HAWAIIAN ISLANDS
SAMOA
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Johnston Island WSO AP
Wake WSO AP
Clark AFB Luzon
Saipan USCG Loran
Guam WSO
Guam NAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Ngasang, Babelthuap
Yap WSO AP
Koror WSO
Anguar
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Nukuoro Atoll
Kapingamarangi Atoll
Lele I. Kusaie
Eniwetok
Kwajalein WSO AP
Majuro WSO AP
Canton Island
Swains Island
Pago Pago WSO AP
Leone
Faga Alu Reservoir
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10-73

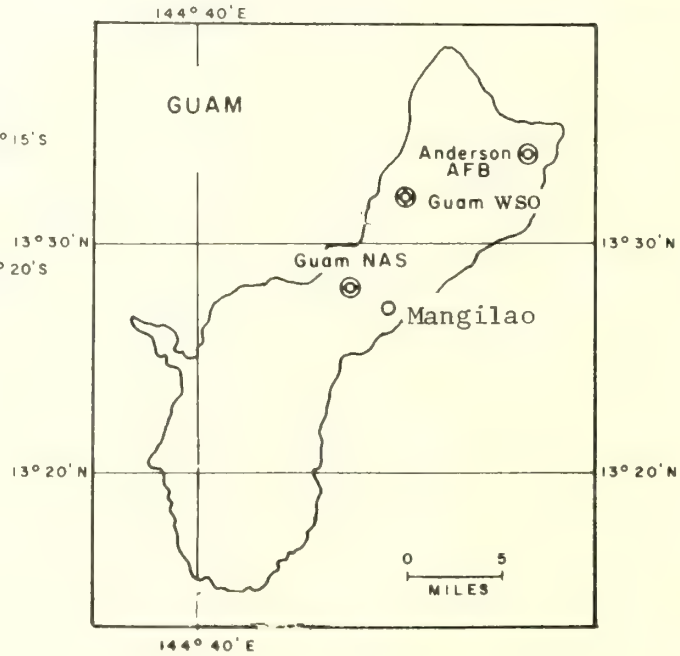

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

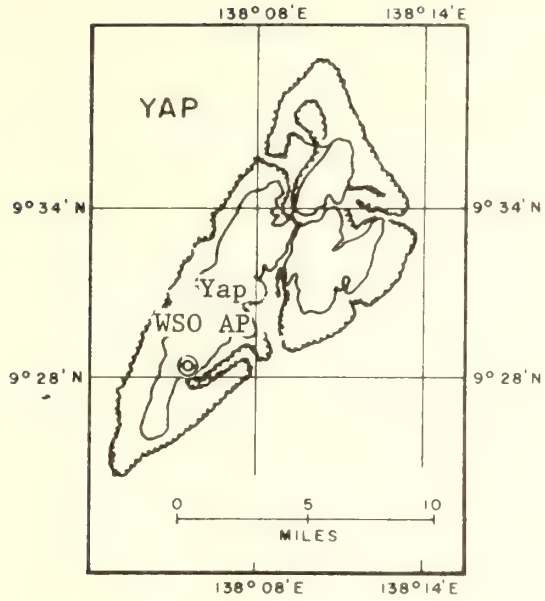

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°
00'N
15°00'N
120°00'E
125°00'E

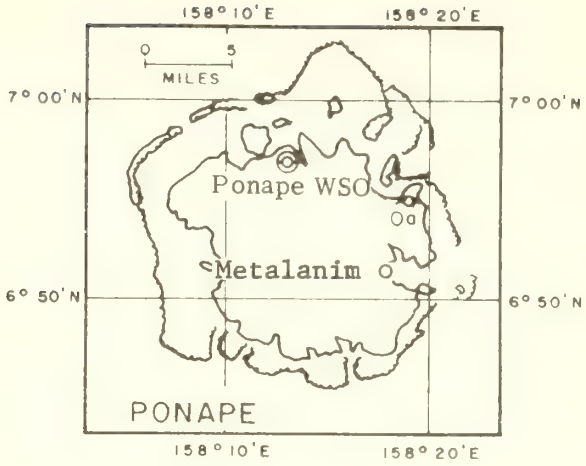

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

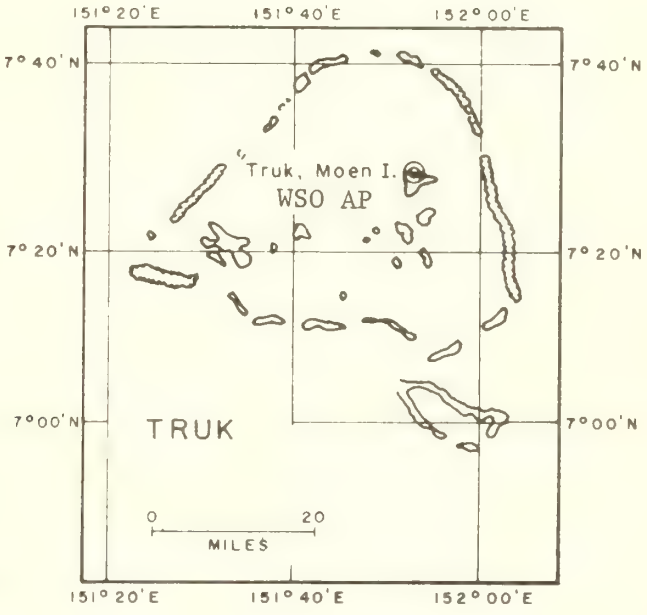

170°50'W
170°40'W
14°15'S
14°15'S
Fagu Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

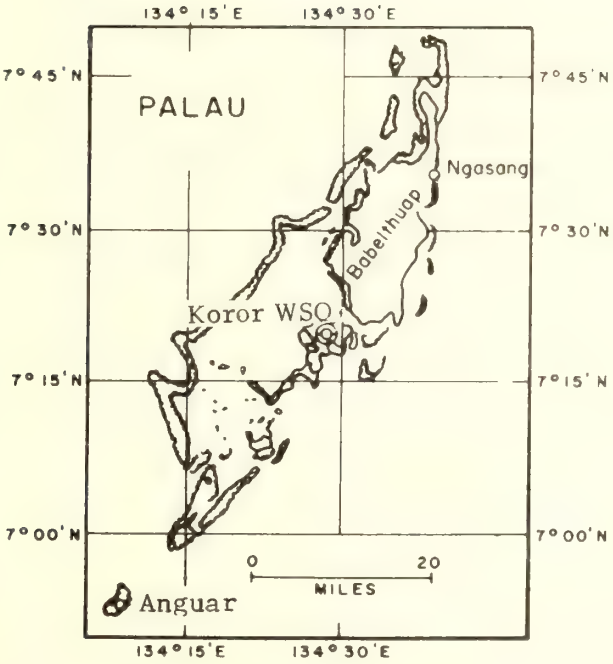

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

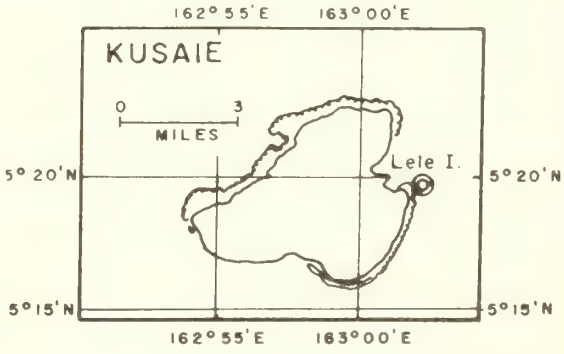
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
Yap
WSO AP
9° 28' N
0
5
10
MILES

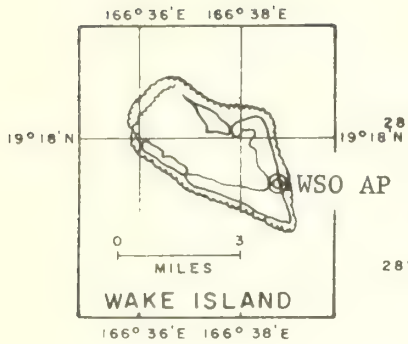

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
Ponape WSO
Oa
Metalanim
6° 50' N
PONAPE

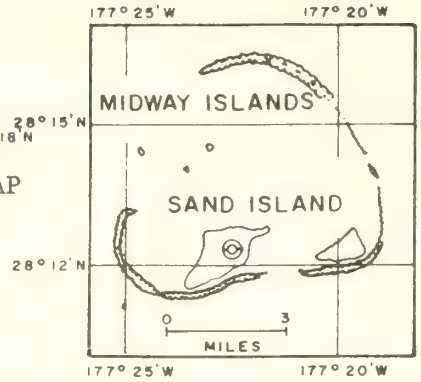

151° 20' E
151° 40' E
152° 00' E
7° 40' N
Truk, Moen I.
WSO AP
7° 20' N
7° 00' N
TRUK
0
20
MILES

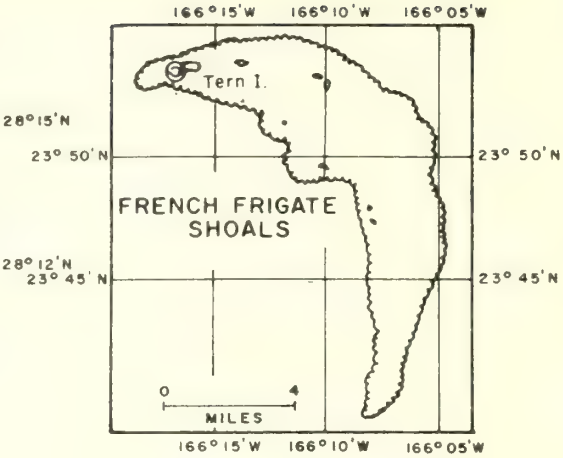

134° 15' E
134° 30' E
7° 45' N
PALAU
Ngasang
Babelthuap
7° 30' N
Koror WSO
7° 15' N
7° 00' N
0
20
MILES
Anguar

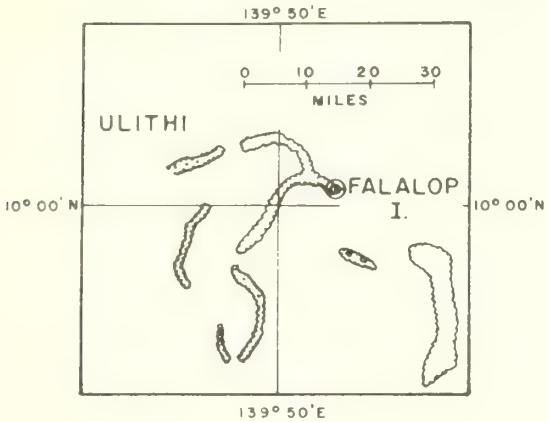

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
Lele I.
5° 20' N
5° 15' N

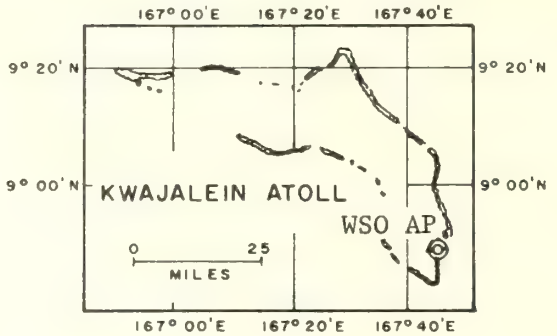
— Reef

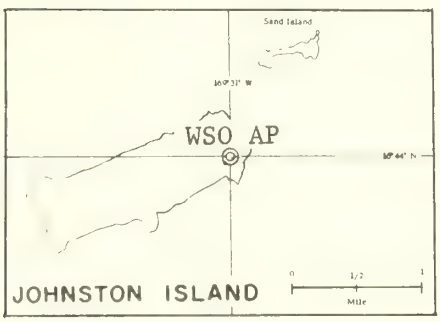

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

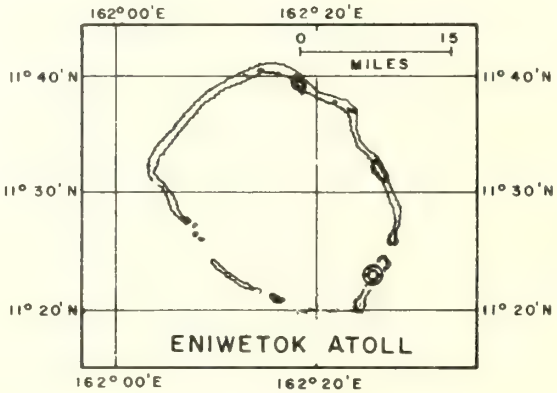

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

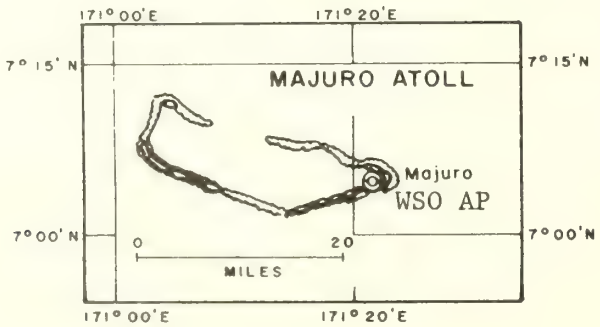

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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FIRST CLAS



July 1974 Volume 70 Number 7

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

AWAIIAN STATIONS ONLY

IGHEST TEMPERATURE
MANA 1026, KAUAI 94 DATE 20

OWEST TEMPERATURE
MAUNA LOA SLOPE OBS, HAWAII 32 DATE 16+

REATEST TOTAL PRECIPITATION
KAHANA, OAHU 29.85

EAST TOTAL PRECIPITATION
3 STATIONS .00

REATEST ONE DAY PRECIPITATION
CHURCH COLLEGE LAIE, OAHU 4.80 DATE 17

NOV 29 19

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE, N.C.

SUPPLEMENTAL DATA

HAWAII AND PACIFIC
JULY 1974

	WIND (SPEED M.P.H.)						RELATIVE HUMIDITY AVERAGES PER CENT (STANDARD OF TIME GREENWICH CIVIL)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT	DIRECTION	PEAK GUST	SPEED	FASTEST MILE	DATE OF FASTEST MILE	12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	-	26	E	14	-	81	82	96	5	4	13	1	4	0	27	55	-
HILO, HAWAII, WSO AP	16	1.4	6.4	26	SE	21	85	78	63	80	2	8	12	2	3	0	27	42	6.8
HONOLULU, OAHU, WSO AP	7	11.4	12.3	26	NE	24+	74	67	53	69	9	8	1	0	0	0	18	61	5.1
JOHNSTON ISLAND WSO AP	9	15.7	16.2	32	E	05+	77	74	69	75	4	11	3	0	0	0	18	78	7.2
KAHULUI, MAUI, WSO AP	6	12.7	14.5	32	E	24	77	68	53	70	7	3	1	0	0	0	11	79	4.3
KOROR WSO AP	24	1.6	5.8	20	NW	02	89	-	77	78	3	5	7	5	2	4	26	50	9.1
KWAJALEIN WSO AP	9	8.3	9.8	38++	11	31	80	82	74	78	1	12	10	1	1	0	25	-	8.4
LIHUE, KAUAI, WSO AP	6	11.1	12.8	25	NE	17	76	73	66	74	3	15	8	0	2	0	28	68	6.3
MAJURO WSO AP	9	6.9	8.3	29	E	29	83	84	78	78	5	4	10	4	3	1	27	51	8.6
PAGO PAGO WSO AP	10	11.7	13.2	11	N	31	81	79	69	77	9	12	1	0	0	0	22	49	6.0
PONAPE WSO AP	-	-	-	19	NE	04	92	-	78	79	0	4	16	3	5	2	30	48	8.9
TRUK,MOEN I. WSO AP	10	1.5	6.9	24	N	22	87	-	79	78	3	7	12	1	3	2	28	47	9.3
WAKE WSO AP	13	5.6	12.6	36	SW	20	86	87	74	77	1	10	8	3	2	1	25	48	7.1
YAP WSO AP	22	1.4	5.8	18	SE	30	91	-	78	79	5	6	11	1	3	2	28	57	8.5

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE												PRECIPITATION								
										NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A													3.55				.0	0				0
KANALOHULUHULU 1075		72.4	55.2	63.8		78	26+	46	20		0	0	0	2.36		.35	27	.0	0		9	0	0
KAPAA STABLES 1104	A													3.13				.0	0				0
KILAUEA FIELD 17 1135	A																	.0	0				
KILAUEA POINT 1133																		.0	0				
KOLOA 936	A													4.82				.0	0				
LIHUE WSO 1020.1 AP	//R	83.7	74.3	79.0	.6	85	16+	68	20		0	0	0	4.60	2.73	1.18	29	.0	0		8	2	2
MANA 1026		87.4	67.0	77.2	- .6	94	20	60	13		4	0	0	3.48	2.86	1.61	30	.0	0		5	3	1
N WAILUA DITCH 1051	M													19.88				.0	0				
PH WAINIHA 1115														11.11	1.11	3.66	18	.0	0				
PUEHU RIDGE 1040														4.25	2.99	1.85	1	.0	0		7	3	1
WAHIAWA 930	A													2.63	.86			.0	0				
WAIAHI LOWER 1054		81.6	64.5	73.1		84	27+	60	3		0	0	0	9.90	.23	1.07	18	.0	0		20	8	3
WAIMEA 947														1.52	1.08	.95	21	.0	0		3	1	0
ISLAND				73.3										5.94				.0					
ISLAND OF OAHU																							
CHURCH COLLEGE LAIE		85.1	71.5	78.3		87	31+	65	22		0	0	0	7.83		4.80	17	.0	0		6	2	2
HONOLULU OBSERV 702.2														.51		.23	22	.0	0		1	0	0
HONOLULU WSO 703 AP	R	87.4	72.3	79.9	- .2	90	29	67	20		1	0	0	.44	- .16	.19	21	.0	0		1	0	0
KANEOHE MAUKA 781		83.3	72.2	77.8	1.2	87	15	69	22		0	0	0	3.42	- 1.08	.82	16	.0	0		8	1	0
KOOLAU DAM 833	A													19.99		3.10	17	.0	0		17	12	7
LUALUALEI 804	A	85.6	71.4	78.5		90	25	64	20		1	0	0	.89		.32	14	.0	0		3	0	0
MAKAPUU POINT 724																		.0	0				
NUUANU RES 4 783														7.42		1.10	17	.0	0		18	6	2
OPAEULA 870	A	80.9	66.4	73.7	1.3	87	4	63	11		0	0	0	5.79		3.20	18	.0	0			2	2
PALOLO VALLEY 718	R													8.50	- 2.70	1.12	15	.0	0		19	8	1
PRI WAHIAWA 820.2	A	85.0M	66.3M	75.7M		88	31+	63	30		0	0	0	2.74		1.09	18	.0	0			1	1
WAHIAWA DAM 863	A													3.79		1.49	18	.0	0				1
WAIAHOLE 837	A													10.72				.0	0				
WAIALEE 896.3		83.6M	71.1M	77.4M		86	31+	66	14		0	0	0	4.93		1.64	18	.0	0			2	1
WAIALUA 847	A	85.3	66.4	75.9	.2	88	24+	63	30+		0	0	0	2.22	1.27	1.21	18	.0	0		M	2	1
WAIKIKI 717.2		86.9	71.8	79.4		89	29+	66	20		0	0	0	.93		.65	22	.0	0		1	1	0
WAIMANALO EXP FARM		84.4	72.6	78.5		87	26	68	21		0	0	0	1.29		.43	17	.0	0		4	0	0
WAIPAHU 750	M													1.83				.0	0				0
ISLAND				77.5										4.90				.0					
ISLAND OF MOLOKAI																							
KUALAPUU 534	A													1.22				.0	0			0	0
MAPULEHU 542																		.0	0				
MAUNALOA 511	A													1.05				.0	0				0
MOLOKAI AP 524		84.2	69.8	77.0		86	30+	64	8		0	0	0	.52		.22	17	.0	0		2	0	0
ISLAND				77.0										.93				.0					
ISLAND OF LANAI																							
LANAI CITY 672	A	77.5M	62.7M	70.1M	- 1.3	80	9	59	12		0	0	0	3.60	1.46			.0	0				
ISLAND				70.1										3.60				.0					
ISLAND OF MAUI																							
HALEAKALA B E S 434	A																	.0	0				
HALEAKALA RS 338		64.3	45.6	55.0	- 1.4	70	4	38	20		0	0	0	1.52	.85	.60	18	.0	0		3	1	0
HANA AIRPORT 355		85.2M	69.3M	77.3M		88	6	65	20		0	0	0	3.30		1.06	17	.0	0			1	1
HONOKOHUA 493	M													1.12		.40	17	.0	0			0	0
KAANAPALI AIRPORT																		.0	0				
KAHULUI WSO 398 AP	R	86.1	67.8	77.0	- 1.2	89	22+	60	11		0	0	0	.51	.12	.43	16	.0	0		1	0	0
KAILUA 446		78.8M	67.5M	73.2M	.5	80	29+	65	22		0	0	0	8.49	- 2.18	2.36	17	.0	0				
KEANAE 346	A													11.00				.0	0				
KIPAHULU 258														4.36	- 4.56	.70	16	.0	0		13	2	0
KULA SANATORIUM 267		73.7	58.2	66.0	.4	77	29+	55	8		0	0	0	.65	- 1.52	.32	12	.0	0		1	0	0
LAHAINA 361		87.4	69.3	78.4	.8	90	4	67	20+		1	0	0	.28	.07	.17	22	.0	0		2	0	0
PAIA 406														1.39	- .29	.89	17	.0	0		3	1	0
WAILUKU 386	A	83.1M	71.2M	77.2M	- .2	86	23	68	22		0	0	0	.47	- .27	.37	17	.0	0		1	0	0
ISLAND				72.0										3.01				.0					
ISLAND OF HAWAII																							
HAINA 214		83.0	68.3	75.7	1.2	85	30+	65	13+		0	0	0	.57	- 2.99	.15	17	.0	0		2	0	0
HAWAII VOLCNS NP HQ 54		70.1M	53.7M	61.9M	- .8	74	29+	50	29+		0	0	0	3.16	- 2.07	.71	26	.0	0		8	3	0
HILO WSO 87 AP	R	84.5	67.7	76.1	.8	88	21	64	12+		0	0	0	7.81	- 1.73	1.90	17	.0	0		17	5	3
HUEHUE 92.1	M													1.74	- .76			.0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
JULY 1974

STATION		TEMPERATURE												PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																							
KAINALIU 73.2		78.1	63.6	70.9		81	27	61	17		0	0	0	0	5.18	- 2.90	.88	7	.0	0		14	4	0
KEAAU 92		82.1	65.1	73.6	.8	85	12	61	12+		0	0	0	0	7.03	3.11	1.71	26	.0	0		17	3	2
KEALAKEKUA 26.2															5.76				.0	0				
KONA KAIJA 68.3	A	M	M	M							0	0	0	0	3.82		1.11	1	.0	0				1
KUKUIHAELE HIC 199															.90	- 4.03	.38	7	.0	0		2	0	0
KULANI CAMP 79		65.2	46.8	56.0		72	5	42	15+		0	0	0	0	2.60		.74	18	.0	0		8	1	0
PAHALA 21	A	81.3M	62.1M	71.7M	1.4	86	10	60	22+		0	0	0	0	.86		.50	20	.0	0		2	1	0
POHAKULOA 107	A														.69				.0	0			0	0
PUAKO 95.1	A	85.3	71.2	78.3		87	28+	66	22		0	0	0	0	.02		.02	18	.0	0		0	0	0
PUU WAAWAA 94.1	A														2.18	.08	.62	18	.0	0				0
UMIKOA 118															1.19	1.36			.0	0				0
WAIMEA SCO 88.2															7.35		1.83	17	.0	0		15	5	2
15 AND				70.5											3.18				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE													PRECIPITATION									
											NO. OF DAYS								SNOW. SLEET			NO. OF DAYS		
											MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																								
▪ ▪ ▪ EAST OF 180TH MERIDIAN																								
CANTON ISLAND		87.3	76.5	81.9		93	19	74	26+		5	0	0	0	3.97		.87	25	.0	0		10	3	0
FAGA ALU RESERVOIR															6.30		1.70	6	.0	0		19	5	1
JOHNSTON WSO AP	R	83.8	77.2	80.5		85	30+	73	20		0	0	0	0	.89		.36	21	.0	0		3	0	0
LEONE															3.26		.65	24	.0	0		10	3	0
FRENCH FRIGATE SHOALS		85.1M	74.9M	80.0M	1.5	88	30+	64	19		0	0	0	0	1.74	- .42	.69	19	.0	0		4	1	0
LUMA VILLAGE															3.83		.71	14	.0	0		12	2	0
MIDWAY SAND ISLAND		83.5	73.3	78.4	.6	86	26	68	19+		0	0	0	0	5.36	1.90	1.95	10	.0	0		8	3	2
PAGO PAGO WSO AP	R	83.8	74.5	79.2	.9	86	31+	66	27		0	0	0	0	.72	- 6.22	.24	5	.0	0		1	0	0
SWAINS ISLAND																			.0	C				
▪ ▪ ▪ WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.0	77.3	80.7	.3	87	30	74	14+		0	0	0	0	9.29	.28	2.22	14	.0	0		20	4	2
CLARK AFB LUZON		88.8	74.8	81.8	1.2	93	30+	72	18+		16	0	0	0	7.71	- 4.75	3.73	20	.0	0		12	4	1
GUAM NAS		84.7	77.0	80.9	- .5	90	11	75	14+		1	0	0	0	12.83	3.73	3.08	6	.0	0		19	6	3
GUAM WSO	R	85.8	71.2	78.5	.9	89	27+	69	28+		0	0	0	0	9.32	- .27	1.37	6	.0	0		18	5	4
MANGILAO															13.37		2.03	14	.0	0		15	9	5
ROTA																			.0	0				
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	85.6	74.4	80.0	- 2.0	89	5	71	28+		0	0	0	0	9.25	4.80	2.33	24	.0	0		14	6	3
▪ ▪ ▪ CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															18.00	2.60	3.40	2	.0	0		14	8	7
ENIWETOK																			.0	0				
FALALOP I. ULITHI																			.0	0				
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	87.8	75.0	81.4	.3	91	30	71	3		3	0	0	0	21.16	4.97	3.80	3	.0	0		18	11	6
KWAJALEIN WSO AP	R	86.9	77.8	82.4	.3	88	30+	74	31+		0	0	0	0	5.80	- 3.90	1.83	31	.0	0		12	2	1
LELE I. KUSAIE		88.4M	74.2M	81.3M	.4	91	24+	69	26		8	0	0	0	18.08	.66	2.40	29	.0	0			11	7
MAJURO WSO AP	R	84.7	76.6	80.7	- .3	87	11	74	11+		0	0	0	0	12.48	- 1.16	2.31	11	.0	0		18	8	4
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG.BABELTHUAP															V12.49		2.40	8	.0	0		16	7	4
PONAPE WSO	R	87.1	72.5	79.8	- .2	91	5	71	31+			0	0	0	21.57	3.75	3.58	11	.0	0		26	10	7
SATAWAN ATOLL																			.0	0				
TRUK. MOEN I. WSO AP	R	87.2	75.1	81.2	.5	90	26+	70	7		2	0	0	0	12.49	- 2.92	2.61	10	.0	0		18	6	5
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.5	74.8	80.7	.5	89	27	73	29+		0	0	0	0	14.40	- .24	4.23	2	.0	0		17	6	5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JULY 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF KAUAI																																
AMAHOLA 1114	A	3.55	.38	.20	.12			*	*	*	.50		.03		.03	*	*	.19			.10		*	*	55	.02	03	05	45	*	*	.60	.30	
BEVERLYWOOD STA 985	A	5.02	.66					*	*	*	.54	.03	06		25	*	*	1.35	.15	.01	.70	06	*	*	57	05	.03	15	.10	*	*	.25	.06	.01
EAST LAWAI 934	A	6.14	1.20	.10				*	*	*	.36	20	.01		51	*	*	1.46	.03	10	.73	.06	*	*	.51	.37	.03	.13	.10	*	*	23		.01
ELELE 927	A	1.18	15					*	*	*	13	T	.01		13	*	*	20	01		.03		*	*	.65	T		.04	T			.03		
HALAULA 1110	A	1.08	.30	.05	06			*	*	*	.48		04		05	*	*	.07		02	.32		*	*	.62	05	02	.15	.25	*	*	.30	.30	
WALENANAHO 1006	A	15.41	1.76	03				*	*	*	1.09	13			.33	*	*	1.31	.06	.03	1.46	.04	*	*	.73	.28	.04	.17	36	*	*	.41	.07	.12
WAIPO 945		1.81	.48																						.88				.45				
ILILIULA INTAKE 1050	H	20.35	5.61	.32	.02	06	*	*	*	1.92	18	05		62	*	*	4.43	15	20	2.25	22	*	*	84	.24	34	25	.68	*	*	1.32	.50	15
INTAKE WAIMEHA PC 1086	A	11.90	*	1.02	*	*	*	*	*	2.34	*	*	*	58	*	*	2.00	*	*	3.44	.13	*	*	38	*	*	*	97	*	*	1.04	*	*
KAHECHOLOHOLU 1075		2.36	.22	.02	.20		.05		.08	.15	.02			05	.10		.07		.06	.21	.02		.19	.07	.15	.09	.04	.01	.35	.21			
KAHEHA RESERVOIR 1092	A	7.56	1.35	.12	10		*	*	*	85	06	25		20	*	*	90		.10	20		*	*	.55	.10	.13	.60	.50	*	*	1.25	30	
KAPAA STABLES 1104	A	1.13	.31		05		*	*	*	.50	08			17	*	*	.57	.02		17		*	*	15		05	.24	.35	*	*	47		
KEALIA 1112	H	2.77	.12		06		*	*	*	.40				39	*	*	05		.01	.13		*	*	75	.01	.01	.30	15	*	*	.35	.05	
KEKAHA 944		65								.07				06					06				65	11	.03					.07			
KILAUEA 1114	H	3.22	36	06						44	.10			38			48	06		48	05			.10	.30	.07	.03	.09			.11	.05	05
KILAUEA FIELD 17 1135	A		-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133			-		-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOLO 1033		1.91													67	.31	.05						.17	.10					.02		.59		
KOLOA 936	A	4.82	1.00	06			*	*	*	24	.10	03	1.00		*	*	83	.04	18	51	.01	*	*	.21	13		.08	.15	*	*	.24	.01	
KOLOA MAKAI 994	H	11.70	*	*	.08	*	*	*	*	*	1.39	*	*	*	*	*	*	2.91	*	*	*	*	*	*	2.20	*	*	*	*	*	*	1.12	*
KOLOKO RES 1137	A	4.09	*	*	*	*	1.20	*	*	*	*	*	*	1.65	*	*	*	*	*	*	1.28	*	*	*	*	*	*	.86	*	*	*	*	*
KUKUIOLA 935	A	3.41	.30				*	*	*	09				.46	*	*	76	02	.45	.42	T	*	*	46	.51		.01	.05	*	*	08		
LIHUE VARIETY STA	A	6.33	2.12	.02	03	.03	*	*	*	52	14			13	*	*	68			62	02	*	*	13	13	.06	.30	52	*	*	86	.03	.09
LIHUE 1020		7.04	1.80	.12	.10	.01	*	*	*	.74	.06			.15	*	*	.44	.02		.94	.02	*	*	.21	.31	.02	.05	.34	*	*	1.65	.06	
LIHUE WSO 1020.1 AP	R	4.60	T		01	.07	.01	06	T	46	01	.03		.10	.09	.10	09		T	1.10	01	08	.06	.36	.23	.01	.06	42	.02	.02	1.18		
MAKAWENA POINT 940 1			-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKAWELI 965	A	.59			01						.07			05						.02	.01			.23	.10	.03	.03	02					
MANA 1026		3.48	.02						07	03				10	.54	.06			06	.02			37	53					.07		1.61		
MOHIHI JPL R055 1083	A	2.71					07	.21	36	.07				15	.07	.15	.07	.15	.22	.30	.15		.07			15	.07	.15	.30				
MOLOAA 1145	A	2.50	85		09		*	*	*	.30		03		22	*	*	25			.06	.14	*	*	40		02	05	09					
MOUNT WAIALEALE 1047	R	-	-					-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-
MT RIDGE 1035		4.62	1.34												.46	.40	.16			.18	.06			.45								1.14	
N WAILUA DITCH 1051	A	19.88	6.00	.18	08	05	*	*	*	2.60	.22	.01		.62	*	*	2.60	.08	.33	2.37	.34	*	*	63	.37	.35	.54	.87	*	*	1.10	.41	.13
PW WAINIHA 1115		15.08	1.06	*	52			*	*	2.16	.10	.13		66	*	*	1.19	02	38	3.66	11	*	*	.20		06	.13	.39	*	*	.34		
PRINCEVILLE RANCH 1117		7.19	1.10		.04	01	*	*	*	1.13	.15			52	*	*	.90	.10	.30	85	.02	*	*	.13	38	.16		.68	*	*	.48	.07	.17
PUEHU RIDGE 1040		4.25	1.85	.12						06					.16								.90	.15							.13	88
PUKI 1013	A	2.46	.45				*	*	*	.20				26	*	*	.18		02	72		*	*	.12	.18	09	.05	18					
RESERVOIR 6 1004	H		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAHIAWA 930	H	2.63	.40				*	*	*	.13	.01	T		23	*	*	.46	T	T	.11	.01	*	*	1.20	T		.01	T		*	.07		
WAIHHI LOWER 1059		9.90	.04	.35	05	.02	16	04	1.06	53	.11	02		72	1.02	.54	.73	.13	.09	1.07	14	.12	06	.49	.33	09	.44	34	.72	04	05	.20	20
WAIAHI UPPER 1052		14.04	.11	28	01	.04	.23	.20	1.02	48	22	.04		1.04	1.33	1.25	.48	.18	.13	1.92	17	43	1.07	.38	.37	.08	.52	.43	.78	.13	05	.47	.18
WAIHWA 941		1.36	.32							.03							.01		.02	.01			.57	.40									
WAILUA KAI 1065	H	5.15	.98	.03	.02	.02	*	*	*	.48	.12	.02		.13	*	*	.98	02		42	.03	*	*	14	15	.02	.30	.23	*	*	.88	.18	
WAIMEA 947		1.56	.27																				.95					.30				
WEST LAWAI 931	H	2.98	46	T			*	*	*	.12	01			50	*	*	.62	.01	.11	.49	.03	*	*	.48	T	T	.01	.07	*	*	.07		
* * * ISLAND OF OAHU																																
BERETANIA PUMPING STA		1.34		T				.03		T				T	.04	.09	.10	.10	.53	T	T			.31	T	.04		01	.09		T		
CAMPBELL IND PK 702.5		.27						.01	01					T	15	.01	T	T					.01	03		05						
CAMP 24 807	A	1.04		*	06		*	*		.12				01	.02	*	.07	*	*	85	*	*	*	09	*	*	.06	*	*	*	.14	*	*
CHURCH COLLEGE LAIE		7.83	.34		02	.02	.01	03	1.31	T	T		04	.33	.03	T	.45	.09	4.80	T	.03		.04	T		.12	T	.09		.04			.04
COCONUT ISLAND 840 1		1.59	04		06				20		01			08	03	08	18	.30	.07	.01	.01		*	.05		04		.07	.30	.05			.01
EWA PLANTATION 741	V	2.77	2.21					*	*	05				03				.04	02	.22		*	*	.17		.03							
HELEMANO INTAKE 881	A	7.00	.62	*	*	*	*	*	*	1.05	*	*	*	*	*	*	*	*	*	5.13	*	*	*	*	*	*	*	.10	*	*	.10	*	*
HONOLULU 725.2		1.87	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.25	*	*	*	*	*	*	*	*	.62
HONOLULU OBSERV 702.2		51							.01	.01				05	.02		.02	02	.03	09				.23		.03							
HONOLULU WSO 703 AP	R	44						T	T	T	T	T	T	02	.02	.02	04	.01	.09		T		.10			.03	T	.02	T		T		
HONOLULU SUBSTA 704	R	1.13						.03								09	04	.13	.37					.05		.03		.09					
H S P A EXP STA 707		2.12	.01	03				.01	.04	.01	.01	.02		07	.06	.14	20	.25	.55		.02	.01		.56		.01		.03	.07		.02		
KAENA POINT 841 3		*	.68	01	.01	*	*	*	*	04			*	*	*	*	44	*	*	.69	*	*	*	*	*	*	*	*	*	*	*	*	*
KAHANA 883	A	29.85	8.50	*	*	*	*	*	*	2.80	*	*	*	*	*	*	5.60	*	*	*	*	*	*	9.53	*	*	*	*	*	*	3.42	*	*
KAHUKU 912	A	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KALIHI FIRE STA 791.3		1.83		04		.17		.04	.04		10	T	01		21	.01	*		04	.08	.62	.02		.17			*	20	.05	.03			
KALIHI RES SITE 777	R	7.66	10	.02			02	.12	.30	.02		02	40	.40	.12	64	.92	68	1.72	02	14		18	.18	02	26	.46	38	.30	.20	.04		
KANEOHE MAKAI 781		3.42			08		03		.16	03				44	07		26	.82	.09	.09	.08			.09		.35	.03	.26	.24	.21	.05		.05
KAPALAMA 773	A	8.26	2.85					*	*	65	03			.31	*	*	95	62	.45	1.55	.22	*	*	31		.10		.15	*	*	.07		
KAWAIHAPAI 841	A	2.89	34					*	*	25				05	*	*	50	.03	09	1.23	01	*	*	01	.07		T	13	*	*	.17	.01	
KAWAI IKI INTAKE 880 2	A		-		-			-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	H	5.21	60					*	*	.12		T		.02	*	*	.21	.02	1.34	1.80	.02	*	*	.34			T	T	*	*	.63		.03
KOOLAU CAMP 833	A	19.99	.07	07			.24	17	82	06	08	.10	.02	90	96	1.87	3.06	2.89	3.10	.72	1.15	.28	.03	.76		08	.09	1.19	1.02	.04		.07	.15
LUALUALEI 804	A	89	.11	09		15		02	.04			05		32	.05			.02				01	02							.01			
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.42						T	T				T	.01	T			T	.04	.25	T	.05		T					T		.07		
MAKAHA PUMP 800.2	A	1.43	.35							.10				.01			.14	.03	.07	.26				.05	.02		.06				.26	.08	
MAKAPUU POINT 724			-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANOA 712.1		6.57	.19	.12		.02	04	.02	.24	.04	.02	.02		46	.34	.42	.48	96	1.62	.10	.06	.02		.69	05	.03	03	.21	.30		02		.06
MANOA TUNNEL 2 716	R	11.08	16	04		.12	.02	28	86	02	04		1.14	86	.50	74	1.06	1.14	1.58	.02	.06		38	.22	.06	.12	.50	.56	.42	.12			.06
MOANALUA 770		2.87	01	.01				*	*	26	T	.01	*	.09	.04	.06	.23	.25	1.33	*	*	.22	.02	.16	*	.03	.02	.05	.08				
MOANALUA RES 4 783		7.42	.12					.18	74				56	.52	.22	.32	.98	1.02	1.10	.08	.16	.04	36	.16		.10	.16	.14	.20	.18		.06	.02
MOANALUA RESERVOIR #5	A	7.86	07	*	*	*	*	*	*	1.41	*	*	*	*	*	*	2.10	*	*	*	*	*	*	3.70	*	*	*	*	*	*	.56	*	.02
OPAEULA 870	A	5.79	*	T				10	08	.06	02			06	.06	.40	.10	1.10	3.20		06	*	*	.45				.02	.02		T		
PALI GOLF COURSE 788 1		3.58	02				.01		.12				51	.03	.12	.30	.40	60	.10	.10			09	.07		.01	03	.26	.43	.12		.01	.25
PALOLO VALLEY 718	R	8.50	.12	.02		.04	.02	24	.44		12		70	.62	.26	.60	1.12	.90	.96		14		28	.16	.02	.12	.50	.54	.42	.12		.04	
PAUOA FLATS 784	R	14.26	.32	.04	.06	.06	.02	.30	1.74	.06	04	.08	1.20	1.46	54	.72	1.52	1.52	1.86	.12	50		.32	.18	.02	28	.20	.32	.30	.20	.02	.20	.06
PINEAPPLE ROAD 724 4		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PRI WAHIAWA AZO 2	A	2.74	.26					*	*	.35				.04	*	*	.21	.13	.17	1.09	.02	*	*	.43							.03		.01
PUNCHBOWL CRATER 709	A	3.02	.38	.03				.03	.10	.02			12	.02	.04	.24	.16	.18	.91	.03		.03	.01	.42	.01	.05	.01	04	.10	.01	.05		.03
ST STEPHENS SEM 788		3.22	.02				.03	.05	11	.02	T	01		38	.10	29	05	83	28	.01	08	T		.34		05	T	11	.28	.05	.07		.06
TANTALUS 2 780.5		12.25	.35	.09	.01	.06	.07	72	.01	36	07			90	.58	*	1.47	1.80	2.46	1.05	.30	*	*	.76	.01	.19	.12	17	.57	.07	.01		.05
UNIV OF HAWAII 711	A	2.78	12	05				*	*	12		T		15	*	*	.60	.39	.47	T	.05	T	*	67		.02		.04	*	*	.10		T
UPPER WAHIAWA 874.3		6.21		T			T	09	.18	.17	.04	T		33	.23	.26	.66	.20	.41	2.22	.08	.13	.42	.36		.05	.08	.06	.23				.02
WAHIAWA DAM 863	A	3.78	46					*	*	09	.02	T		06	*	*	47	.09	25	1.49	.03	*	*	.74	.01	.03	T	.03	*	*	.01	T	T
WAIAHOLE 837	A	10.72	2.73	*	04	*	08	*	*	.53	*	.02	*	1.03	*	*	1.09	.72	.41	2.53	.27	*	*	.12	*	.08	.05	.28	*	*	.62	.04	.08
WAIALAE KAHALA 715		.02	T		03				.02					T	T	.05	.11	.04	.16		.01		T	.24	T	.02		T	.01	T			T
WAIALEE 896.1		4.93	.01	05		.01	04	04	69	*	34			18	.10	.24	.41	.25	.20	1.64	.02	07		.22		.09		.29	.02				.02
WAIALUA 847	A	2.22								.16				01	.03	.01	05	T	.19	1.21	T			T			T	.01		55			
WAIANAE 798.2	A	50			T					.03					15				.10	10				.02					.01				
WAIAWA 836	A	10.48	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	10.48
WAIKANE 885	A	14.43	3.60	*	*	*	*	*	*	1.60	*	*	*	*	*	*	2.34	*	*	*	*	*	*	5.57	*	*	*	*	*	*	1.32	*	*
WAIKIKI 717 2	V	93		T				04	.01		T			T		09	.07	.03	.04			T		.65		T							
WAIMANALO EXP FARM		1.29							.02						01		.07	04	.43					.42				.10	.18	.02		
WAIMEA 892	A	5.90	.58		05	.03	*	*		47	02			.22	*	*	.48	.15	1.20	2.32	.08	*	*	.03		.04	.07	.06	*	*	.08		.02
WAIPAHU 750	A	1.83	.68					*	*	.10				05	*	*	11	.13	.03	.16		*	*	.35		.13			*	*	.09		
WILHELMINA RISE 721	R	3.40	.10	.02				.08	.08			.06	*	*	*	*	*	*	*	2.18			.34	.26		.04	.08	.12	.02	.02			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
MAY 1974

STATION		TOTAL	DAY OF MONTH																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * * ISLAND OF MOLOKAI																																	
KALAUPAPA 563	A	3.48						12	09					11		21	06	21	2 26		09		16				07	10					
KAUNAKAKAI 536	A	.48	38																03					07									
KEOMELELE PEMS 551	A	1.32																				1 32											
KUALAPUU 534	A	1.22								10						10	01	07	29	04			.46	11				04					
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUMALOA 511	A	1.05	.76				.03			05							03	01						17									
MOLOKAI AP 524		.52					04	01							08	15	T	01	22	T			T					01			T		
PUUOHOKU RANCH 542.1	V	2.51	.08				07			27				11			49	.20	.62	.12	02						07	10			36		
WAIKOLU 540	A	6.23	2.25							45							1 07							2.00							46		
* * * ISLAND OF LANAI																																	
KANEPUU 690	A	74			20															39							15						
KAUMALAPAU HARBOR 650	A	.65	37														18							08							02		
LANAI CITY 672	A	3.60	1.08										03		01		01	03	34	.92				1 15				01		02			
LANAIHALE 684	A	2.89			2.05								05							.38								12					09
MAHANA 694	A	1.26			.10															53							63						
MALAUEA 676	A	1.16			1.10															01							05						
WAIAKEAKUA 685	A	63															09																54
* * * ISLAND OF MAUI																																	
AUWAHI 252	A	1.11	.21																55					25									10
HALEAKALA B E S 434	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HALEAKALA RANCH 432	A	.47																	47														
HALEAKALA RS 338		1.52	T							08	T			T	06	09	02	30	21	60	T		04		T		04	02	06	T			
HALEAKALA SUMMIT 338 4	A	1.15	40														02	03	22	48													
HALIIMAILE 423	A	.94						02				01			01		05	08	52	08	06						07	02	02				
HAMAKUAPOKO 485		2.92	03	10			06	02	11			05		01	03	17	18	18	1 01	23	23			06			25		15				06
HANA 354	A	3.69	14				04	04		60	02				36		58	44	1 10		05							04	.10		08		.10
HANA AIRPORT 355		3.30	14	13	02	T	03	04	15	11	T			03	22	23	07	26	1 06	18	15	T			02		06				07		12
HANAHULI 281		2.98	.02		10	02	03	06	08					17	22	18	28	60	40	28	05		06	04				25			25		
HOLUA CABIN 259.5	A	1.71			63			02				10																94			02		
HONOKOHAU 480	A	6.40																															6.40
HONOKOHUA 493	A	1.12				03				10				10			08	18	40	10			4	02				06			02		02
HONOMANU GULCH 341	A	3.10																															3.10
KAANAPALI AIRPORT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAHOMA INTAKE 374	A	2.97																															2.97
KAHULUI WSO 398 AP	R	.51				T	T				T				02	T	02	.43	.04				T				T	T					
KAILIILI 436	A	5.51																															5.51
KAILUA 446	V	8.49	23	.05	.03		11			35	03			08			1.46	.22	2.36	1.78	23			02		03	49	22			51		.30
KAUAULA INTAKE 375	A	1.87								22							20							1 10							35		
KEAHUA 410		.25																T	20	04	T						01						
KEANAE 346	A	11.00																															11.00
KEAWAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIHEI 311		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIPAHULU 258		4.36	.40						46					16	21	18	27	70	62	21	09			12				33	23				38
KULA HEIGHTS 323.2		1.10																	1 05	05													
KULA SANATORIUM 267		.65												32	T	06	02	02	06	01			03					08	04	01			
LAHAINA 361		.28																	11					17									
LAUNIUPOKO INTAKE 376	A	1.67																															1.67
LAUNIUPOKO VILLAGE 372	A	.38																	27					11									
LUPI UPPER 442	A	7.70																															7.70
MAHINAHINA 466	A	1.33											02		02		10	57	35			03							24				
MAKALELE FIELD 60 497	A	2.44								10							20							1 77							09		08
OLINDA 332	A	3.30		1 03						03							1 05	07	26	08				68	02		06	01					01
OLOWALU 296		12																	04					08									
PAAKEA 350		*	14	08	.03		34	19	81	26				18	16	62	65	1 05	2 25	22	75							91			95		
PAIA 406		1.39						02	01			01			T	03	03	20	89	12	02			01			03	01	01				
PAHALEHULU 259.2	A	3.61												78												2.58							25
POHAKEA BRIDGE 307.2	A	.00																															
POLIPOLI SPRINGS 267.2	A	3.50																															3.50
PUOHOKAMOA 2 343	A	9.00																															9.00
PUUMEME 396		.16						T											03										T				
SPRECKELSVILLE 400.2		.58						01	T			T				01		10	43	02	T						T	01	T				
TWIN GATES 261.3	A	.00																															
UKULELE 333	A	2.04																															2.04
UKUMEHAME 301	A	.07																	03					04									
ULUPALAKUA RANCH 250		1.33	.62											04			29	06	06					13				06			07		
WAHIKULI 364	A	.26																	.14					12									
WAIEHU CAMP 484	A	.88						12								04		.15	.45	.09	.01	.01						01					
WAIHEE VALLEY 482	A	1.40					02											09	1 01	14	.05	03						.01	.01				.04
WAIKAMOI 448	A	7.80																															7.80
WAIKAMOI DAM 336	A	9.06		1.78						37	04	.02			04		1 07	1.03	2 10	25	18			09	22		.48	.40	.78	01	01	03	16
WAIKAPU 390	A	.41																	10		.05		26										
WAILUKU 386	A	.47								02							02	01	37	.05													
WAIOPAI RANCH 256	A	1.97																						1.97									
* * * ISLAND OF HAWAII																																	
AHUA UMI 75	A	2.40																															2.40
AWIMI 182.1	A	7.30																						7.30									
CITY OF REFUGE 27.4		2.63				02	05	31		01	25	T		10		46	T	66	01		67		05			04					T	T
EAST HONOKAAE 183.2	A	*																															
HAIMA 214		.67	05				01	08	08										15	10							02	05	03				
HAKALAU 142		6.50	06	06	01		13	31	22	06	06	08	03		02	15	18	08	1 71	1 03	17			01	07	08	18	1 40	30			10	
HALEMAUMAU 52	A	1.12												12																			1.00
HALEPIULA 117	A	.80																															.80
HALEPOHAKU 111	A	.61						19											28	02				01	03					08			T
HAWAII VOLCNS NP HQ 54		3.16	08	04	T		01	14	14	12	03	T		01	12	01	05	01	60	54	02		T		06	20	02	71	07	07	T	05	06
HAWI 168	A	1.61	28																														
HILO COUNTRY CLUB 86.6		6.84	03	03			03	53	25	24	02	T		04	14	01	21	12	1 67	41	28	T			32	13	24	1.44	31	12	T	01	26
HILO WSO 87 AP	R	7.81	02	T		02	30	33	22	07	01	03	03	12	16	36	12	1 02	1 90	57	04			13	01	18	65	1 15	14	T		10	13
HOLUALOA 70	A	4.29																															4.29
HOLUALOA BEACH 68	A	7.05								4.95				67																			
HOMAUMAU 27	V	5.54															3.66	.86	03		33	.26				.11							
HOMOHINA 137		5.16	.17				.08	.19	.31	.02	.03	.03			.02	19	.06	.08	1 82	.50	12				04	17	.12	1.03	.16			01	01
HONOKANE 181.1	A	*	*																														
HONOMU MAUKA 138		11.34	.24	01			.15	.59	.64	.45	.01	.02	01	01	15	.23	.39	.31	2.00	2 33	.16				38	10	.35	1.36	1.30	.01		.04	10
HOMUAULA 71	A	2.82																															2.82
HUALALAI 72	A	1.86																															1.86
HUEHUE 92.1	A	1.74	.37						.37																		1.00						
KAALA IKI 12	A	2.61				.07					.24	.05									.58	88	.08					.08	.03	.59				
KAHUALOA 29	A	5.10	1.22	.02	.04		.04			30	.22	29	.02	.08			72	.47	.05	.03	70			.05		16							20
KAINALIU 73.2		5.16	.02	.05	.04	.10	.02	T	.88		.34	.19	T	18	.07	.26	10	.74	T	.17	.26	.12	.01		T	52		.76	.01	.02			.32

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
JULY 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
KALAPANA NO 1 67.8		4.03	.01	T	.01		.07	.03	.05	.30	.06	.02			.25		T	.06	1.77	.42				.07	.21		.08	.60		T		T	.02
KAMAOA NO 2 5	A	1.77	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.77
KAMUELA 132.2		.87	.03			.05		.05	.08	.02	.03								.13	.02							.11	.08	.20	.02			.05
KAPAPALA RANCH 36	A	1.34	*	*	*	*	*	*	.15	*	*	*	*	*	*	*	*	*	*	*	*	*	1.19	*	*	*	*	*	*	*	*	*	*
KAPOHO LANDING 93.5	A	6.97	.89	*	*	*	*	*	*	.71	*	*	*	*	*	*	.75	*	*	*	*	*	*	2.62	*	*	*	*	*	*	2.00	*	*
KAWAINUI LOWER 191	A	3.84	*	*	*	*	.92	*	*	*	*	*	*	.82	*	*	*	*	*	*	.80	*	*	*	*	*	*	1.30	*	*	*	*	*
KEAAU 92		7.03	.02				.01	.98	.22	.21	.10	.02			.21	.01	.06	.06	1.67	.61	.14	.11			.39	.17	.13	1.71	.40	.13		.17	.10
KEALAKEKUA 26.2		*	*	1.73	*	*	*	*	*	.60	*	*	*	*	*	*	1.40	*	*	*	*	*	*	1.35	*	*	*	*	*	*	.68	*	*
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KIOLAKAA A & F 6	A	2.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.50	*
KIPA 89.2	A	9.27	.26				.13	.71	.63	.90		.02		.01	.36	.12	.12	.15	2.00	.66	.36					.22	.06	.36	1.23	.75	.12		.02	.08
KOHALA MAUKI 176	A	2.26	.17				*	*	*	.22	.02	.06	.01		*	*	.04		.36	.30	.26	*	*	.04				.02	.43	*	*	.27	.05	.01
KOHALA MISSION 175.1		2.02	.08	.01		.01	.01	.11	.06	.04	.03		.01				.01	.07	.45	.16	.16	.02	.03			T	.03	.26	.37			.05	.05
KOIAWE LOWER 196	A	2.41	*	*	*	*	.70	*	*	*	*	*	*	.28	*	*	*	*	*	*	.28	*	*	*	*	*	*	1.15	*	*	*	*	*
KONA AKITORA 68.3	A	3.82	1.11	.13	.33		*	*	*	.71		.34		*	*	*	.10	.20	.04	.73	.01	*	*	.05									
KONA VILLAGE 93.8		.41	.05	.22				.05								.02													.05	.02		
KUKAIAU 222		1.87					.01	.32	.36	.02									.12	.14	.01			.01			.38	.05	.46				
KUKUIHAELE HI 199		.90	.01				.03	.08	.38	.04	.02								.14	.03	.02			.04			.02	.03	.06				
KUKUIHAELE MILL 206	A	.57	.01	.04			.01	*	*	.18	.01								.20	.04									*	*	.08		
KULANI CAMP 79		2.60	.08	.06				.02	.15	.16	.10				.12		.02	.05	.40	.74	.02	.02			.03	.22	.04	.19	.05	.04	.04		.05
KULANI MAUKA 76	A	.54														.02			.27										.25			
KULANI SCHOOL SITE 78	A	2.13	*	*	*	*	*	.34	*	*	*	*	*	*	*	*	*	*	*	*	*	1.26	*	*	*	*	*	*	.53	*	*	*	*
LANIHAU 68.2		7.89	.18	.65	.15	*	.98	*	.54	.13	.16	.78	.11	.05	*	.12	.27	.12	.25	.64	*	.12	.06	*	*	*	*	*	2.24	.11	.16	.07	
MAKAHALAU 103		.90								.25														.65									
MANUKA 2	A	4.00	.40			*	*	*	*	.50	.20	T			*	*	.40	.50	2.00	T													
MAUNA KEA OBS 111.2		.06																.05	.01													
MAUNA LOA SLOPE OBS		.31														.24		.20	.41				.01						.01	.06			
MIDDLE HOLUALOA 68.1	A	5.77	*	*	*	*	*	*	*	4.95	*	*	*	.52	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30	*	*
MIDDLE PEN 147.1	A	.00																															
MOAULA 18	A	1.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.30
MOUNTAIN VIEW 81		6.18	.03	.02			.05	.47	.27	.26	.01	.03		.04	.16		.05	.25	1.25	.77	.21	.09			.05	.22	.44	.72	.30	.10		.09	.30
NAALEHU 14	A	1.00								.03									.13	.48		.24		T				.02		.10	T		
NAPOOPOO 28	A	4.66	1.60							.33							1.43							1.08							.22		
NIULII 179	A	1.86	.05			*	*		*	.30	.01								.90	.03	.06	*	*	.01			*	.23	*	*	.20	.05	.02
OOKALA 223		2.98		T			.13	.15	.81	.16		.02				.03		.11	.27	.30	.05	T		.12	T	.05	.24	.28	.19	.07			
OPIHIHALE 2 24.1		3.47				T	.10	T	T	.10	.03	T	.08	.09	.10	.17	.26	1.19	T	.52	.69	.04	T		.08	T				T		.02	T
ORCHID LAND EST 91.5	A	6.80	1.39	*	*	*	*	*	*	.79	*	*	*	*	*	*	.55	*	*	*	*	*	*	2.06	*	*	*	*	*	*	2.01	*	*
PAAUHAU 217	V	.45						*	*	.18									.08	.09							.04		*	*	.05		
PAAULIO 221		1.52					.01	.42	.43	.01									T	.08	T			.04			.26	.01	.21				
PAHALA 21	A	.86									.01								.01	.21		.50	.01	.01				.01		.09		.01	
PAHOA 65		.91	.01	.08			.18	.35	.21	.19	.08	.12		.07	.31	.02	.09	.22	1.41	1.14	.21	.09			.08		.18	1.89	.47	.16		.15	.19
PAKAO 37	A	2.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.30
PAPAIKOU 144.1		7.48	.02				.18	.40	.19	.09	.03	.07			.06	.24	.17	.27	1.60	.93	.17	.01			.29	.10	.31	1.83	.38	.05		.05	.04
PAPAIKOU MAUKA 140.1		9.26	.14	.01			.25	.60	.58	.18	.01		.01		.11	.26	.11	.22	1.90	1.39	.39				.36	.08	.44	1.42	.71	.03		.02	.04
PIIHONUA 86	A	11.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.20
POHAKULOA 107	A	.69	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.30	*	*	*	*	*	*	*	*	.39	*	*
PUAKO 95.1	A	.02	T	T							T								T	.02			T					T	T		T		T
PUU KIHE 120	A	.81	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.81
PUU LAAU 102.1	A	1.44	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.44
PUU LEHUA 73	A	2.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.00
PUU MALI 113	A	.67	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.67
PUU OO 82	A	1.77	1.77	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUU WAAWAA 94.1	A	2.18	.59	.05			*	*	*	.24	.04							.21		.62		*	*	.21				.13	*	*	.09		
SADDLE ROAD 1 84	A	6.76	*	*	1.84	*	*	*	*	*	*	*	1.73	*	*	*	*	*	*	*	*	*	*	*	*	*	3.18	*	*	*	*	*	*
SOUTH POINT CORRAL 3	A	.23	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.23	*	*	*	*	*	*	*	*	*	*
UMIKOA 118	V	1.19		.01			*	.08	*	.07									.05	.10		*	*	.81				.05	*	*	.02		
UPOLU POINT USCG 159.2		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88.2		7.35	.04	.02	.01		.14	.70	.25	.09		T		T	.20	.04	.04	.20	1.83	.34	.25	T		.03	.50	.14	.48	1.20	.50	.07	T	.17	.10

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
EAST OF 180TH MERIDIAN																																
CANTON ISLAND		3.87	.23		T		.01	.02	.02		.18	T				T	T		.09	T	.13	.27	.73	.30	T	.40	.87	.60	.10		.01	.01	
FAGA ALU RESERVOIR		6.30	.25	.15		.20		1.70	.20		.50	.30			.50	.50		.20		.30	.15		.10	.10	.15			.50		.20		.20	.10
JOHNSTON WSO AP	R	.89			.01	T	T	.01		.03			T	.01		.10	.12		.01	.08	T	.03	.36		.03		.04			.02			.02
LEOME		3.26				.56	.25	.50							.14		.27	.04	.10	.21	.12		.04		.35	.65					.03		
FRENCH FRIGATE SHOALS		1.74					.02	.02	.09	.12	.06		.11	.02		.03	.05	.02	.06	.06	.69		.08	.06	.23				.02				
LUMA VILLAGE		3.83	T	.14	.02		.29	.20	.02						.20	.71	.46	.13	T	.20	.02		.09	T	.03		.04	.28	.30	.50	.04		.20
MIDWAY SAND ISLAND		5.36	.17	.04	.08				T		.31	1.95	1.09	.04			.02	.07	.08	T	.36	.55	.07	.15	.03	.30	.05	T	T				
PAGO PAGO WSO AP	R	.72			T	T	.24	.06	.02				T	.06	.08	.04	.01	T	.07	.09	T	T	.01	T	.02	T	T		.01			.01	
SWAINS ISLAND		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-				-	-	-		-	-	-
WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM		9.29	.08	.80	1.99	.24	.14	.91	.17	.11	T		T	.17	.36	2.22	.22	.14	.19	T	.10	.16		.33	.16	.10	.25	.01		T	.43		.01
CLARK AFB LUZON		7.71	T	.01	.29			.02	.18	.64	.25	.19		.09	.03		.69		.06	.17	.23	3.73	.21		T			.30	.05	T		.57	
GUAM MAS		12.83	.64	.25	.78	.42	.01	3.08	T	1.86	T	.13	.49		.02	1.90	.02	.48	.40	.01	.18	.02		.12	.36	.15		.51	.34	.02	.34	.01	.18
GUAM WSO	R	9.32	.13	1.16	.35	.49	.55	1.37	.15	T			T	.35	.36	1.24	T	.46	.41	.12	.01	1.10	T	T	.10	.20	.05	.21	.02		.44		.05
MANGILAO		13.37	.05	.98	.36	.62	.22	.81	1.92		.08	.02			.06	2.03	1.69		.62	.33	.03	.08	.10	1.81	1.39	.05	.04		.08	.09	.13	.38	.01
ROTA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-		-	-	-	-	-			-	-	-	-	-
SAIPAN USCG LORAN		-	-		-																	-	-									
WAKE WSO AP	R	9.25	.02	.01	T				.21	.09			.24	.09	.02	.73	.19	.13		.23	.02	1.01	1.37	.16	.09	2.33	.94	.23	.05	.89	.64	.17	.02
CAROLINE AND MARSHALL ISLANDS																																
ANGUAR		18.00		3.40	.20			.05				2.20	.11				2.20	.10	2.26		.18	1.85	2.00				.14	.04	.07	2.00	.12	.94	
ENIWETOK		-	-	-	-		-	-	-			-						-	-	-	-	-	-			-		-	-	-	-	-	-
FALALOP I. ULITHI		-	-	-	-										-	-	-	-	-	-				-	-	-				-	-	-	
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	21.16	1.92	2.70	3.80	.44	.05	.16	.34		.01	1.36			.67	.22	T	.34	T	2.99	.76	.10	.68	.02			2.61	T	.75	.03	.79	.32	.08
KWAJALEIN WSO AP	R	5.80	.01	.35	.08	.05	.20	.49	.16	.97	.31	T	.01	.02	.09	.04	.04					.17	.38	.02	.01		.06		.14	.01	.25	.11	1.83
LELE I. KUSAIE		18.08	2.24	.51		.55	.03	1.93	.19	.11	.31		.08	2.35		1.24		.18		.44	1.42		.67	.12		.13	.22		*	.19	2.40	.80	1.77
MAJURO WSO AP	R	12.48		.40	.15	.62	.15	1.65	.15	.98	.10		2.31	T	T	.06	.02	.27		.16	T	.22	.04		.70	T	1.22	.02	T	.10	.31	.71	1.94
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG,BABELTHUAP		V12.49	.40	1.36	1.57		.35		.03	2.40		.01	.17			.04	.16	.13	.82	.05	2.02			.48			.03	.59	.01	.92	.45	.20	.30
PONAPE WSO	R	21.57	.22	.07	.20	1.97	.13	.46	.01	.95	1.49	.53	3.58	.42		1.70	.44	.20	.30	.46	.26	2.58	.12	1.39	1.61	.05	.17	.06	.46	.42	.10	.96	.26
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	12.49	T	.01	.23	.65	1.99	.13	1.31	.17	.06	2.61	.11	.06	T	1.17	.13	.01	.08		.02	.31	.02	.47	.16		T		.01	.20	.19	.16	.21
WOLEAI ATOLL		-	-																													
YAP WSO AP	R	14.40	1.14	4.23	T	.04	2.17	.23	.05	T	T	.87	T		.08	.16	.07	.17	1.64	.22	.10	.12	.24		T	.13	.40		.15	.19	1.97	.06	.03

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	73	72	74	78	71	70	69	74	74	75	73	74	73	72	71	72	72	73	72	69	67	71	75	72	74	78	74	72	67	74	70	72.4
	MIN	52	51	51	54	58	57	56	57	55	57	52	59	59	58	57	56	56	56	56	46	58	58	52	55	52	60	59	53	50	54	56	55.2
KILAUEA POINT 1133	MAX																																
	MIN																																
IHLE WSO 1026.1 AP	MAX	84	84	84	85	85	84	81	83	85	85	84	83	82	85	84	85	81	83	83	83	84	84	84	83	84	84	84	83	84	83	84	83.7
	MIN	76	73	73	77	75	76	72	76	77	77	74	74	75	76	74	76	71	76	74	68	72	74	74	73	75	74	76	72	70	76	78	74.3
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	85	88	91	89	90	88	87	87	88	89	89	87	88	82	87	88	86	85	87	94	82	82	85	87	88	90	88	89	88	88	86	87.4
	MIN	67	69	65	68	69	65	66	69	66	68	64	69	60	68	68	68	66	67	66	67	68	69	68	68	66	66	67	66	69	68	68	67.0
NIU RIDGE 1035	MAX	83	84	85	84	83	84	84	85	84	85	84	85	83	82	87	82	84	81	82	80	81	80	84	85	84	79	80	82	84	84	84	83.2
	MIN	62	62	63	62	62	63	62	63	61	60	60	63	63	64	62	64	62	63	64	63	64	63	64	62	61	63	63	64	62	61	63	62.5
WAIAMI LOWER 1054	MAX	80	82	80	81	81	82	77	81	81	83	83	82	80	84	81	81	80	80	80	82	84	83	81	82	82	84	84	82	82	82	83	81.6
	MIN	63	63	60	62	62	62	63	65	63	64	64	67	67	65	65	64	64	65	65	67	65	64	62	64	65	68	68	61	67	67	68	64.5
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX	84	84	86	86	87	86	85	85	85	86	86	84	85	85	85	84	82	84	84	83	86	85	85	86	86	85	85	86	86	86	87	85.1
	MIN	70	71	70	70	70	71	70	72	74	75	70	72	72	70	71	71	68	71	73	72	67	65	76	71	77	74	75	72	68	75	75	71.5
EWA PLANTATION 741	MAX	85	86	86		87			85	86	87	86	87			87	84	85	80	89			86	88	89	88	88			89	86	89	86.5
	MIN	67	70	67		69			67	68	70	66	68			68	68	69	68	69			65	68	69	71	70			67	66	68	68.1
HONOLULU WSO 703 AP	MAX	87	88	88	88	87	86	87	87	88	87	88	88	88	88	87	87	86	86	88	84	83	87	88	88	88	88	89	88	90	89	89	87.4
	MIN	74	75	71	76	75	74	72	73	74	74	71	73	72	72	71	68	69	72	71	67	69	70	76	71	74	74	75	71	70	72	75	72.3
HONOLULU SUBSTA 704	MAX	82	82	82	82	83	80	81	82	83	82	81	83	83	83	80	80	80	82	83	82	80	85	84	83	82	84	84	84	84	84	84	82.4
	MIN	74	75	75	76	74	70	72	72	73	72	72	71	73	73	72	73	71	74	73	70	71	70	75	72	74	75	75	73	72	73	75	72.9
KANEOHE MAUKA 781	MAX	83	84	84	83	85	85	85	85	85	83	83	84	84	83	87	79	80	78	83	82	84	83	84	85	85	84	84	84	84	85	75	83.3
	MIN	74	74	72	72	73	72	72	72	73	74	73	73	74	75	72	70	71	73	70	71	72	69	70	73	74	73	74	72	70	71	70	72.2
KUALOALEI 804	MAX	85	84	86	86	83	82	81	86	86	86	85	85	86	85	85	85	83	86	86	84	83	89	88	86	90	88	88	84	88	89	87	85.6
	MIN	75	74	66	75	74	70	72	73	74	73	72	72	73	72	72	74	71	73	68	64	66	66	70	71	75	75	74	71	66	68	75	71.4
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	82	80	80	87	80	80	80	82	80	80	80	80	82	80	80	80	80	80	80	85	84	85	80	82	80	80	80	80	80	80	80	80.9
	MIN	67	64	66	69	66	66	67	64	66	64	63	66	64	64	66	67	64	65	68	70	69	72	66	66	67	68	68	64	66	67	67	66.8
PRI WAHIAWA 820.2	MAX	85	86	85	88	88			84	86	86	86	86			86	83	81	77	84			85	87	86	85	84			81	87	88	85.0
	MIN	66	67	65	70	70			64	66	68	64	66			67	67	67	64	67			64	65	68	68	68			64	63	67	66.3
WAIALEE 896.3	MAX	84	84	85	85	83	82	83		84		84	83	83	84	83	83	83	78	83	84	86	76	86	85	84	83	84	85	86	86	86	83.6
	MIN	72	71	74	72	72	72	68		73		69	72	69	66	70	70	70	69	73	70	70	67	75	70	74	72	74	72	69	73	73	71.1
WAIALUA 847	MAX	86	86	85	88	87	85	83	82	86	86	86	85	86	86	85	84	83	78	85	85	85	85	86	88	85	86	87	86	85	87	87	85.3
	MIN	66	68	63	65	68	73	68	65	65	65	63	66	70	69	67	65	66	64	65	66	65	67	65	67	67	67	68	68	66	63	68	66.4
WAIMIKI 717.2	MAX	86	86	87	88	87	87	86	86	86	87	87	88	88	87	87	85	85	87	87	88	86	83	88	87	87	87	89	89	89	87	88	86.9
	MIN	72	72	72	75	74	72	72	71	73	74	70	72	73	79	70	71	70	73	71	66	68	69	73	71	73	73	74	69	68	71	74	71.8
WAIMANALO EXP FARM	MAX	84	84	85	86	85	85	83	82	84	85	85	85	85	85	84	82	82	82	84	84	85	84	84	85	85	87	84	84	85	86	85	84.4
	MIN	73	74	74	75	74	74	73	74	73	74	73	73	72	74	72	72	71	71	73	71	68	70	73	73	75	73	73	69	71	72	73	72.6
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	84	84	86	86	86	82	83	83	85	84	86	86	86	86	82	80	80	85	84	85	86	77	85	85	86	86	85	84	84	86	83	84.2
	MIN	68	69	71	71	70	71	75	64	73	72	68	70	70	69	71	71	69	71	69	66	70	68	68	72	72	68	70	68	65	72	72	69.8
ISLAND OF LANAI																															
LANAI CITY 672	MAX	75	78	79	79	77	77	77	78	80	78	79	76	76	76	78	75	75	77	78	79		78	79	79	78	76	79	76	79	77	77	77.5
	MIN	61	64	64	64	62	62	61	62	64	62	62	59	63	66	62	63	62	63	65	65		62	62	62	61	66	63	62	63	62	62	62.7
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	64	64	64	70	67	69	62	64	64	66	63	62	63	63	63	58	59	64	64	63	61	62	64	64	68	64	66	69	65	65	68	64.3
	MIN	44	45	45	51	52	48	46	42	44	43	39	51	49	47	46	46	45	42	43	38	42	40	49	40	48	51	49	46	44	46	54	45.6
HALEAKALA SUMMIT 338.4	MAX	57	62	62		55			57	61	56	59	56			56	51	50	45	54			60	53	54	57	59			59	58	58	56.3
	MIN	37	48	43		42			37	40	37	43	38			38	38	37	36	40			35	40	40	37	40			43	44	44	39.9
HANA AIRPORT 355	MAX	86	84	85	86	85	88	85	85	85	86	87	86	86	84	85	82	83	81	85	85	85	85	86	87	86			86	86	87	84	85.2
	MIN	69	69	71	71	71	68	69	68	70	72	68	70	69	70	70	71	69	70	69	65	66	66	71	73	70			68	66	70	70	69.3
KAANAPALI AIRPORT	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	86	88	88	86	86	84	88	89	85	86	86	88	88	85	84	81	83	84	85	84	86	89	88	85	84	88	86	87	86	87	88	86.1
	MIN	73	68	66	73	72	71	66	61	71	72	60	66	67	71	71	66	67	71	70	61	68	64	67	69	72	67	73	62	64	63	71	67.8
KAILUA 446	MAX	79	79	80		80			80	80	79	80	80			79	75	75	75	77			80	80	80	79	79			80	79	79	78.8
	MIN	67	68	68		68			67	69	70	68	69			67	67	67	66	66			65	67	70	67	69			66	67	68	67.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX																														
	MIN																														
KULA SANATORIUM 267	MAX	72	72	74	73	75	74	72	73	75	75	72	72	72	72	75	71	73	72	73	72	74	75	76	77	76	73	75	74	77	75	75	73.7
	MIN	62	61	56	57	59	58	59	55	56	57	58	59	58	57	58	58	58	59	59	57	58	58	59	56	57	62	62	58	57	58	58	58.2
LAHAINA 361	MAX	88	88	88	90	89	89	88	87	89	88	85	86	87	88	87	87	85	87	86	85	85	87	88	88	88	88	88	87	87	87	88	87.4
	MIN	69	70	69	69	69	68	69	69	69	69	67	70	70	70	71	69	69	69	70	67	70	68	71	69	70	70	70	69	70	69	70	69.3
WAILUKU 386	MAX	83	83	84	84				84	85	83	84	83			83	80	80	81	81			85	86	83	84	82			83	83	84	83.1
	MIN	71	72	72	73				70	72	72	71	72			71	71	69	70	71			68	69	73	71	73			71	71	73	71.2
* * *																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	83	84	83	80	82	80	83	83	83	83	83	84	83	83	83	82	84	82	83	82	83	84	84	85	82	83	84	82	85	85	84	83.0
	MIN	66	67	70	71	69	68	67	67	70	69	65	65	65	67	67	67	69	69	69	69	67	66	70	71	68	70	71	71	66	69	71	68.3
HAWAII VOLCNS NP HQ 54	MAX	70	70	70	72	74	64	68	70	71	70	70	72	73	70	71	69	70	65	64		69	71	71	67	69	74	73	71	74	72	68	70.1
	MIN	55	52	55	55	55	54	54	54	54	53	51	51	55	53	54	53	55	54	52		50	54	54	52	54	57	59	53	50	55	55	53.7
HILO WSO 87 AP	MAX	85	84	87	85	82	83	83	85	84	85	87	86	87	84	83	84	83	82	83	86	88	85	84	81	84	85	82	85	86	85	85	84.5
	MIN	69	68	70	68	70	69	68	68	69	67	64	64	67	67	65	66	68	68	66	67	65	71	68	67	66	70	71	68	67	69	69	67.7
KAINALIU 73.2	MAX	76	77	74	76	78	77	76	78	79	79	79	80	76	79	78	78	79	76	78	78	79	79	80	78	80	80	81	77	79	78	78	78.1
	MIN	64	64	64	64	65	65	63	62	65	64	63	63	62	63	63	62	61	62	64	62	62	63	65	64	63	63	66	64	64	67	66	63.6
KAMUELA 192.2	MAX	73	75	74	72	75	73	73	74	73	74	74	78	75	73	74	76	74	73	74	76	78	80	75	76	70	76	75	74	77	79	73	74.7
	MIN	58	60	58	56	59	58	54	57	60	58	58	56	53	56	59	58	59	60	51	54	59	60	58	60	58	60	60	58	58	60	58	57.8
KEAAU 92	MAX	81	83	82	84	83	78	81	81	82	82	82	85	84	82	82	83	82	81	81	81	84	82	81	81	80	83	83	82	82	83	83	82.1
	MIN	67	66	67	68	67	61	66	66	65	67	63	61	62	66	65	64	66	66	64	64	62	63	67	65	64	65	68	66	65	64	67	65.1
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	81	83	83	83	82	79	82	82	82	83	82	84	84	83	83	82	83	76	82	82	84	83	84	84	82	83	82	82	82	83	82	82.3
	MIN	67	67	70	72	69	66	67	68	70	70	68	68	67	69	70	69	68	68	67	63	66	66	71	70	71	69	70	66	68	69	69	68.3
KONA (KAILUA) 68.3	MAX	83	81	80	85				85	83	84	83				85	84	84	81	83			85	85		85	85			86	86		
	MIN	68	71	69	72				69	70	70	71				70	69	69	68	70			68	73		72	72			72	74		
KULANI CAMP 79	MAX	63	63	63	68	72	62	62	65	64	65	64	67	68	65	64	64	66	63	60	64	64	69	68	64	65	68	66	66	66	66	67	65.2
	MIN	51	46	45	48	52	51	50	47	48	46	42	42	50	47	42	46	50	46	45	43	46	47	45	45	46	51	52	44	45	47	47	46.8
MAUNA LOA SLOPE OBS	MAX	62	59	56	52	55	50	52	62	60	55	57	53	49	48	50	48	44	46	54	55	48	49	52	56	54	53	54	52	50	54	55	53.0
	MIN	44	44	38	36	38	36	34	40	43	43	39	36	34	32	32	32	36	33	38	36	36	34	34	40	37	38	36	35	36	35	36	36.8
MOUNTAIN VIEW 91	MAX	77	78	76	80	80	74	74	74	78	80	80	82	81	81	81	75	75	76	74	80	80	80	76	75	74	79	80	80	80	80	76	77.9
	MIN	58	60	62	63	63	61	61	61	61	62	57	57	57	57	57	60	60	61	58	57	57	57	60	61	61	61	60	60	60	59	63	59.7
NAALEHU 14	MAX	80	81	79					81	80	82	81	82			81	78	80	77	80			81	80	80	81	83			82	81	80	
	MIN	65	67	67					64	67	69	67	65			66	66	67	66	67			65	69	70	68	69			66	67	70	
OOKALA 223	MAX	82	82	87	83	81	80	79	78	81	82	82	82	82	84	84	82	82	80	83	82	82	84	83	87	78	83	82	82	82	83	82	82.1
	MIN	70	69	69	71	68	67	67	69	69	69	69	69	70	65	69	68	68	67	67	66	68	70	68	68	70	69	72	69	69	68	70	68.6
OPIHIHALE 2 24.1	MAX											80	76	77	80	78	80	79	80	78	75	83	83	76	80	83	82	79	82	80	79	84	
	MIN										64	64	61	61	63	62	60	60	62	61	59	62	63	62	61	62	64	64	63	65	64	63	62.3
PAHALA 21	MAX	80	78	79		84	81	82	80	80	86	82	82	81	82	83	80	80	78	79			81	80	80	84	84	84		83	81	80	81.3
	MIN	61	62	62		61	60	62	63	63	64	60	60	62	61	62	61	63	62	60			60	63	64	63	66	66		61	62	63	62.1
PUAKO 95.1	MAX	83	87	82	87	86	85	87	87	84	86	86	83	86	85	87	86	86	82	86	84	83	82	86	86	86	87	86	87	85	85	86	85.3
	MIN	71	72	71	75	74	72	70	70	70	74	69	68	69	73	71	72	71	69	73	67	68	66	70	73	72	73	75	72	71	72	75	71.2
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • •																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	84	89	89	90	86	86	96	88	89	87	88	86	89	89	90	89	88	88	93	90	83	86	90	85	85	84	89	84	85	85	86	87.3
	MIN	77	78	77	77	77	75	75	78	74	76	77	79	78	77	78	77	76	77	76	75	75	74	77	76	74	74	76	76	78	78	78	76.5
JOHNSTON WSO AP	MAX	83	84	84	84	83	83	83	84	84	85	83	85	84	84	84	84	84	83	84	84	83	84	84	84	83	84	83	83	84	85	84	83.8
	MIN	78	78	77	76	77	76	78	76	78	79	78	78	78	75	75	78	78	74	78	73	74	76	78	78	76	78	78	79	79	79	79	77.2
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX	84	84	82	86	88	84	86	85	86	86	84	86	84	86	84	84	84	86	85	82	86	86	86	84	84	86	87	84		88	87	85.1
	MIN	77	72	73	78	76	78	78	75	76	76	74	75	73	71	71	73	75	71	64	72	73	72	72	79	82	76	78	78		79	79	74.9
MIDWAY SAND ISLAND	MAX	85	84	84	85	85	84	84	84	83	80	79	82	83	83	84	83	83	83	83	84	83	84	82	84	84	86	84	83	85	84	84	83.5
	MIN	73	74	73	77	75	74	76	76	68	70	70	73	74	75	74	71	70	74	68	72	72	72	73	73	75	78	77	75	74	74	72	73.3
PAGO PAGO WSO AP	MAX	82	80	83	83	84	83	81	81	82	82	84	84	85	85	84	84	85	84	85	85	84	84	85	84	85	85	85	84	85	86	86	83.8
	MIN	77	77	77	76	73	71	76	75	75	70	69	75	75	75	78	77	74	77	79	78	78	76	70	77	70	68	66	75	77	75	72	74.5
SWAINS ISLAND	MAX																																
	MIN																																
• • •																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	84	80	78	77	84	79	85	85	84	85	86	85	85	80	85	85	85	86	85	85	85	85	84	83	85	86	86	86	85	87	85	84.0
	MIN	77	76	75	74	74	76	75	76	79	77	79	77	77	74	79	78	79	79	79	78	79	77	76	78	79	77	77	77	80	81	78	77.3
CLARK AFB LUZON	MAX	90	88	88	88	88	88	90	86	84	88	88	86	90	90	90	90	88	84	88	82	86	90	90	90	90	91	93	93	93	93	91	88.8
	MIN	75	73	75	75	75	73	73	72	73	75	75	73	75	75	75	77	72	72	73	73	73	75	77	79	73	73	79	79	75	79	79	74.8
GUAM NAS	MAX	87	81	79	79	85	80	88	89	89	86	90	85	86	80	84	85	83	85	85	84	85	85	84	84	85	86	86	86	84	85	85	84.7
	MIN	76	77	76	75	75	76	76	76	78	78	78	78	78	75	78	76	78	77	76	78	77	76	76	77	78	78	77	77	78	80	78	77.0
GUAM WSO	MAX	88	81	78	80	86	79	88	88	87	87	89	88	86	80	87	87	85	87	87	85	87	86	84	85	88	88	89	88	87	87	88	85.8
	MIN	71	72	73	72	69	72	69	70	70	70	73	71	69	70	72	70	75	73	69	73	70	71	72	71	70	70	70	69	73	72	75	71.2
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	86	87	88	88	89	87	87	88	88	88	88	88	87	87	83	86	87	80	86	79	80	86	85	79	83	83	86	87	87	87	85	85.6
	MIN	75	76	75	75	77	77	72	77	77	77	74	73	73	73	73	73	74	73	75	71	73	73	75	72	75	75	78	71	74	74	75	74.4
• • •																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	87	87	84	87	86	86	88	89	89	88	86	88	90	88	88	88	89	83	87	88	89	88	89	89	89	90	88	88	86	91	89	87.8
	MIN	73	72	71	74	74	77	74	76	76	74	74	74	77	74	77	77	75	74	73	77	75	75	76	76	75	76	76	77	75	75	76	75.0
KWAJALEIN WSO AP	MAX	85	87	86	88	87	85	86	85	88	86	87	87	86	87	87	87	87	87	87	87	88	87	87	87	87	87	88	88	88	88	86	86.9
	MIN	76	76	76	77	78	74	76	75	77	78	79	78	77	79	79	80	80	79	80	78	76	76	79	80	79	80	77	80	80	78	74	77.8
LELE I. KUSAIE	MAX	91	89	88	88	86	86	88	88	87	90	90	79	88	90	88	89	91	88	88	88	89	89	89	91	89	89		90	89	87	90	88.4
	MIN	76	74	78	70	75	74	74	74	74	75	76	74	74	70	73	75	76	76	72	76	74	76	73	74	75	69		77	76	74	73	74.2
MAJURO WSO AP	MAX	85	86	85	85	86	80	85	82	85	85	87	86	85	85	86	85	85	86	84	84	85	86	84	85	81	85	86	85	83	86	82	84.7
	MIN	78	76	77	77	76	74	76	74	76	77	74	75	76	76	78	78	79	79	78	76	78	79	75	77	75	77	78	77	77	75	77	76.6
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	88	89	89	82	91	84	89	81	87	85	78	88	87	83	88	90	88	88	89	86	88	89	88	87	87	89	89	89	90	88	85	87.1
	MIN	72	73	76	72	73	72	72	73	71	71	72	72	72	72	72	72	73	72	71	72	72	72	72	71	73	72	75	78	75	73	71	72.5
TRUK, MOEN I. WSO AP	MAX	88	88	88	87	82	89	85	88	88	82	88	86	85	87	85	87	85	88	90	88	88	88	87	88	89	90	87	88	88	87	88	87.2
	MIN	75	76	76	75	73	75	70	75	76	73	74	72	72	74	74	73	76	75	75	76	79	75	75	76	75	75	77	78	76	79	77	75.1
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	85	87	86	86	85	87	86	87	87	87	87	88	87	87	87	87	80	86	87	87	86	87	88	87	87	88	89	87	83	88	86	86.5
	MIN	74	73	76	75	73	75	74	74	74	74	76	76	74	74	76	75	74	76	74	74	75	74	76	75	76	75	75	75	73	75	79	74.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.36	.28	.36	.34	.34	.41	.44	.24	.40	.40	.42	.05	.24	.27	.39	.43	.37	.43	.36	.30	.23	.34	.32	.35	.30	.35	.32	.31	.30	.24	.35	10.24
	WIND	136	107	91	148	189	201	170	205	166	200	160	156	174	171	211	188	186	202	195	99	63	83	116	157	194	148	180	119	98	113	164	4790
	MAX	89	89	89	89	87	86	86	81	89	87	88	89	88	89	88	87	87	84	88	86	86	86	88	89	86	88	90	91	89	87	89	87.6
	MIN	67	67	68	68	69	66	66	66	68	67	65	65	69	67	67	66	65	66	66	64	64	67	68	67	67	68	69	69	65	66	68	66.3
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.30	.25	.30	.42	.31	.23	.27	.30	.34	.38	.26	.20	.29	.34	.24	.28	.15	.32	.30	.30	.04	.30	.33	.34	.30	.30	.30	.15	.19	.30	8.63
	WIND	29	31	25	42	52	44	32	39	33	48	38	26	29	36	43	36	36	33	33	29	22	27	31	37	45	34	34	27	18	26	37	1052
	MAX	93	92	91	91	94	89	89	91	94	92	94	91	89	91	92	88	85	79	91	92	92	82	95	95	92	90	90	92	90	89	91	90.5
	MIN	67	68	67	68	67	67	66	66	67	67	66	68	69	69	68	66	68	65	67	65	67	66	66	68	67	69	69	68	67	65	66	67.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.40	.46	.42	.34	.48	.28	.45	.35	.45	.33	.43	.38	.42	.37	.38	.37	.39	.26	.33	.39	.24	.37	.38	.47	.39	.39	.34	.38	.43	.49	.37	11.93
	WIND	235	211	199	252	296	267	218	172	200	197	219	227	204	211	192	204	214	234	220	202	109	132	190	226	219	259	227	227	215	236	240	6654
	MAX	88	91	93	89	88	88	91	92	92	92	91	91	92	91	93	91	91	90	93	93	98	96	95	92	91	92	90	91	93	92	90	91.6
	MIN	74	74	73	73	73	73	73	73	74	74	74	75	74	73	73	73	74	74	74	74	73	73	74	75	74	74	74	75	75	74	74	73.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAININHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			GROVE FARM CO LTD
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	8A	8A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 25	650				S	LIHUE PLTN CO LTD
PH WAININHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		8A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	CLOSED 4/30/74
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
		2842						-					
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAJKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOC
LUALAJALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			TIM BOYNE
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHLA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAUKA 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE MIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
KULANI MAUKA 76 A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82 A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS												
ISLAND OF OAHU												
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30				C	CLOSED 4/30/74

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

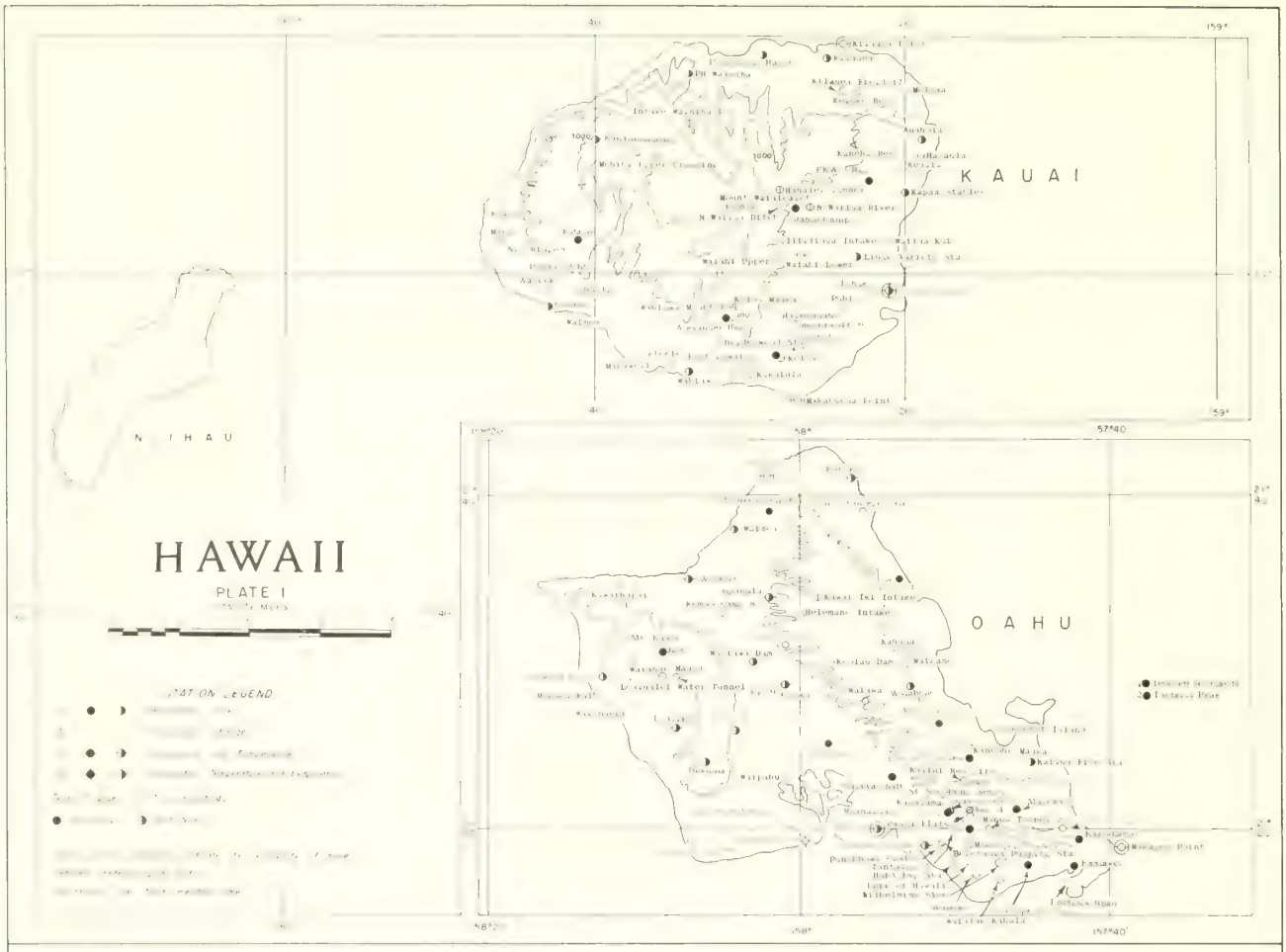
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

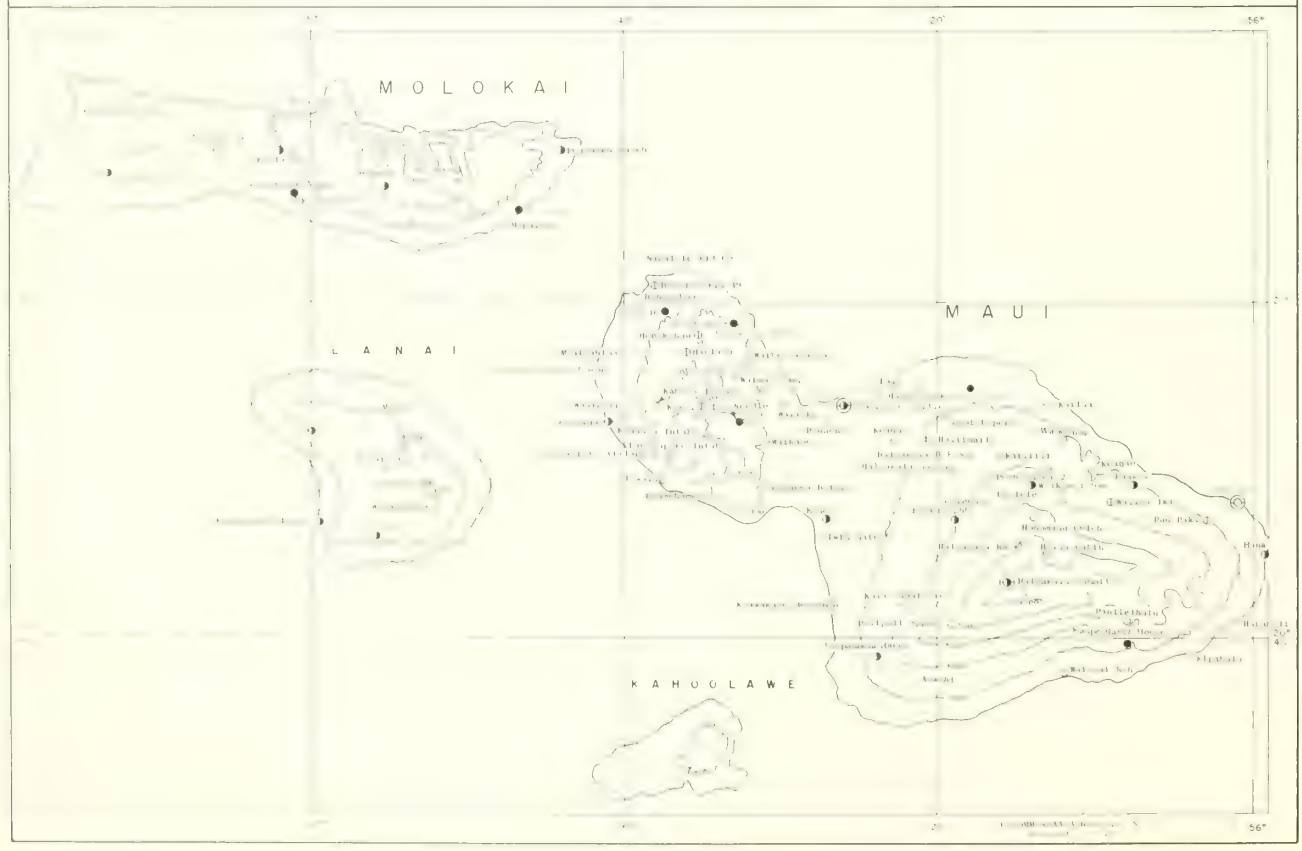
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

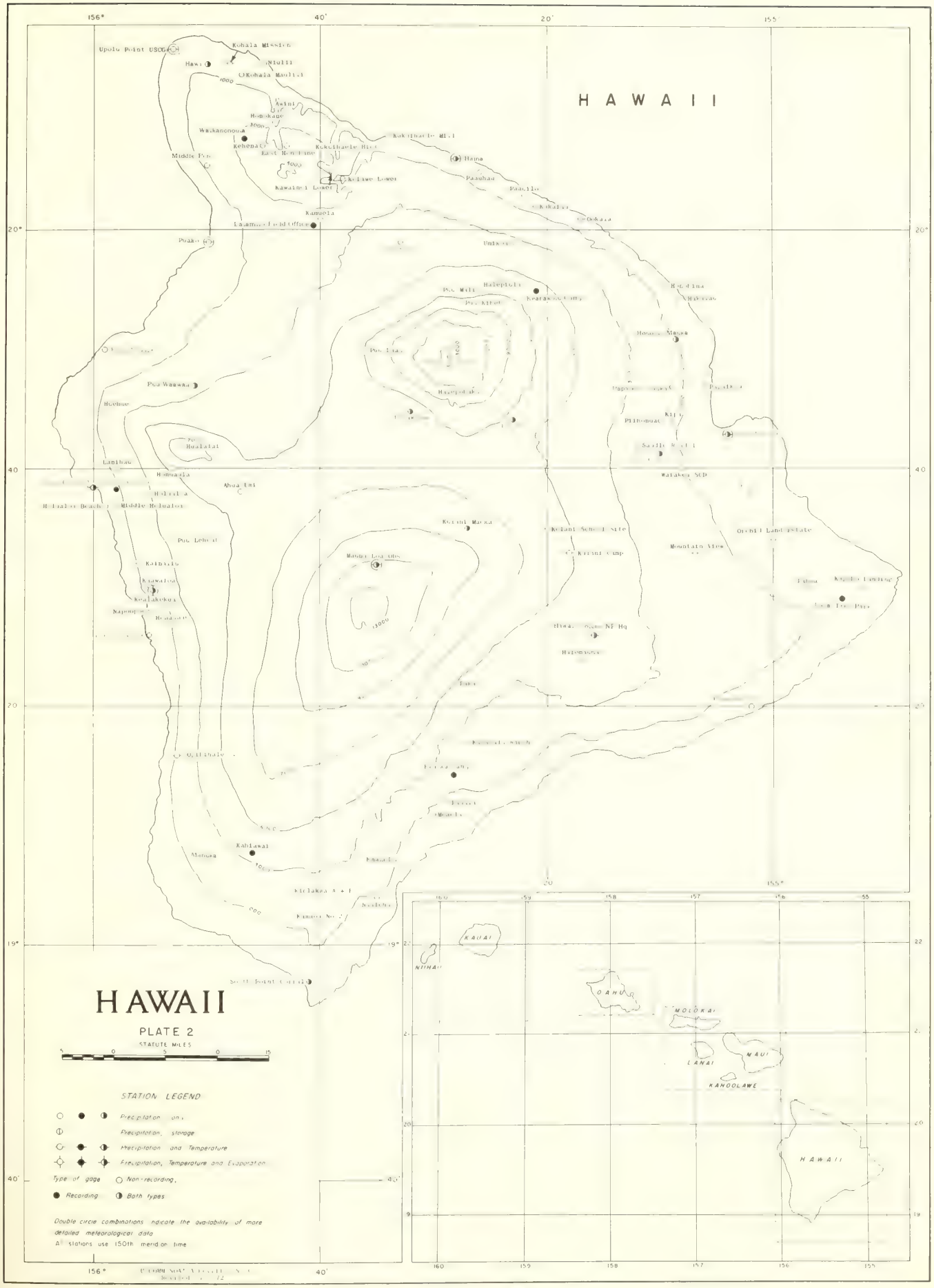
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

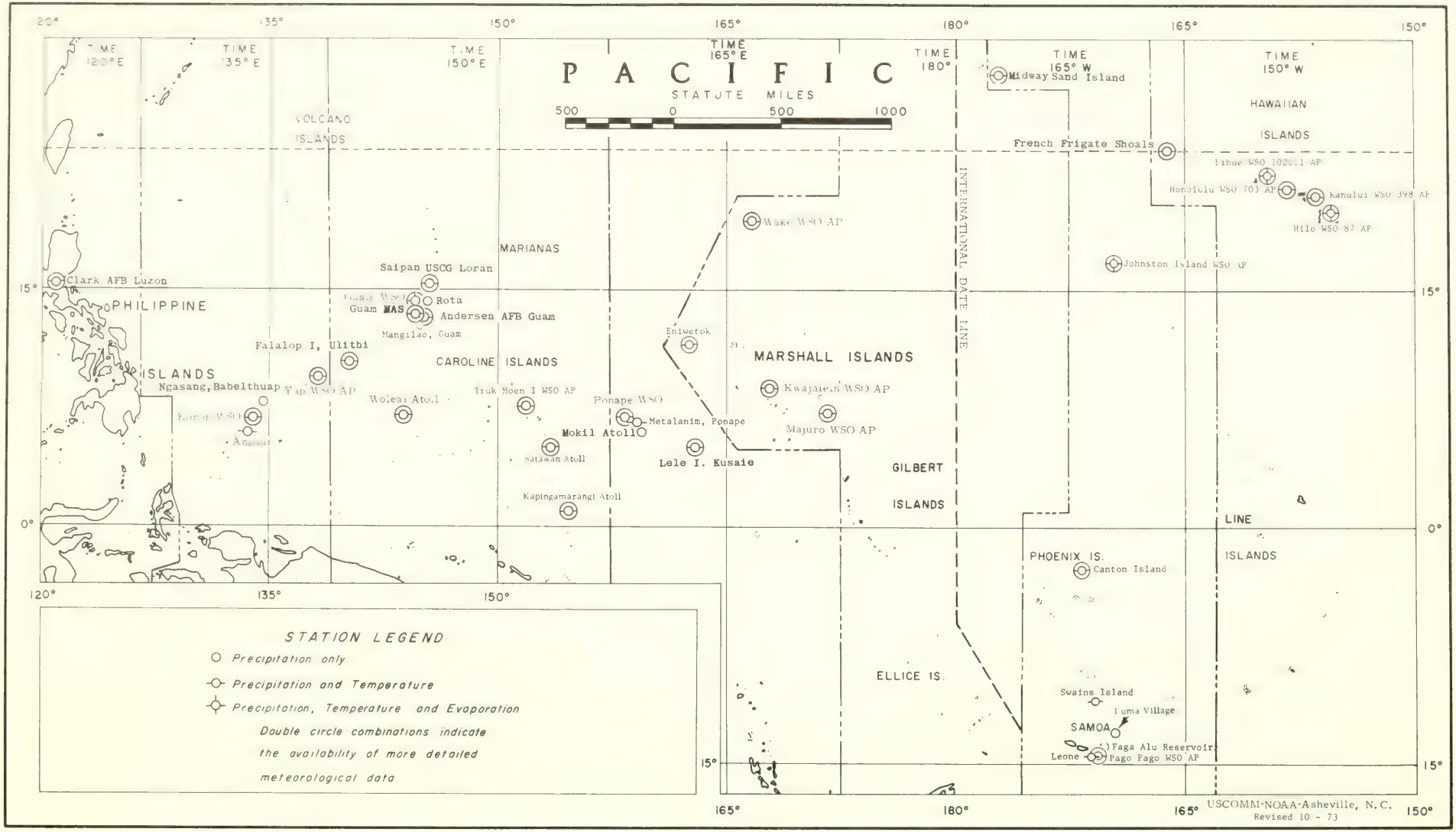
William H. Hoggard
Director, National Climatic Center

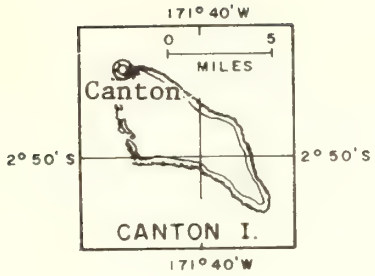
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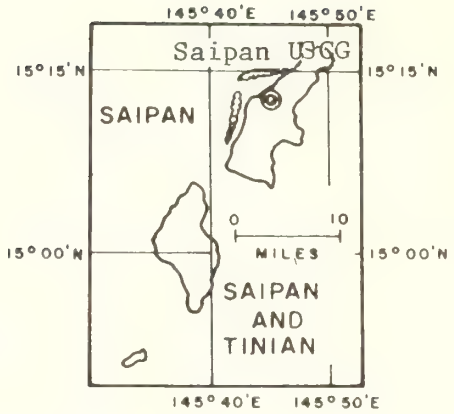

HAWAII
PLATE I
STATION LEGEND
KAUAI
OAHU
NIIHAU

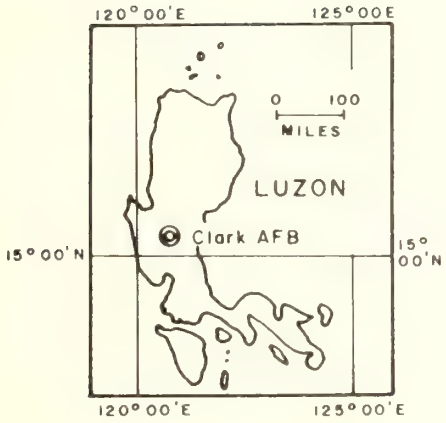

MOLOKAI
LANAI
MAUI
KAHOOLAWE

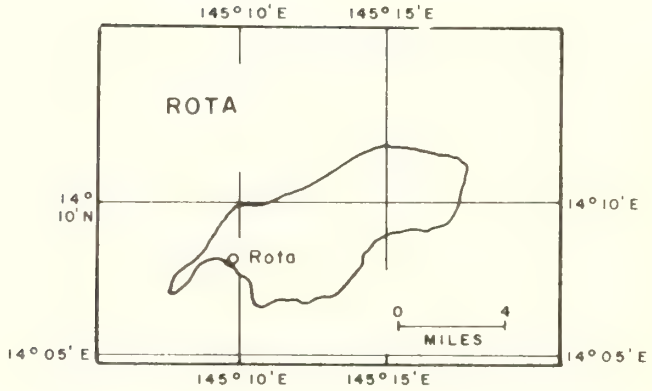

HAWAII
PLATE 2
STATUTE MILES
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

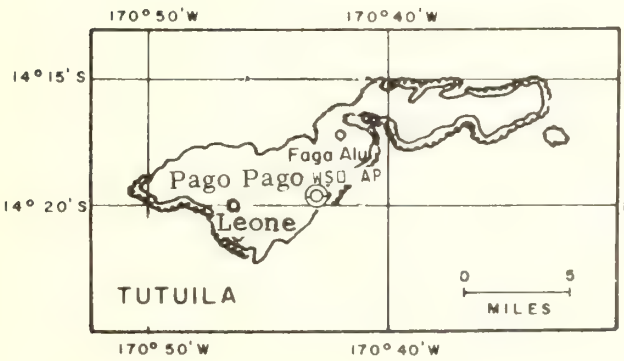

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Guam WSO AP
Guam NAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO AP
Woleai Atol
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Eniwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
Wake WSO AP
INTERNATIONAL DATE LINE
Midway Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue WSO 1026.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Johnston Island WSO AP
LINE ISLANDS
PHOENIX IS.
Canton Island
ELLICE IS.
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

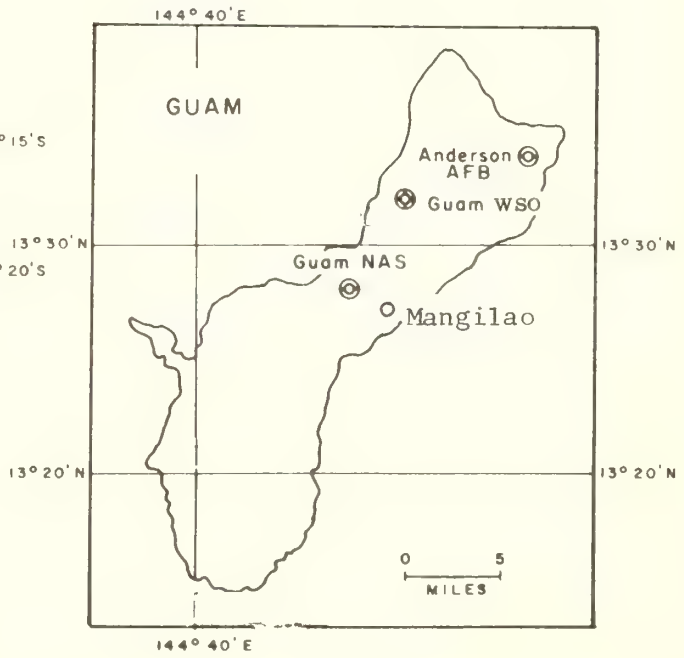

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

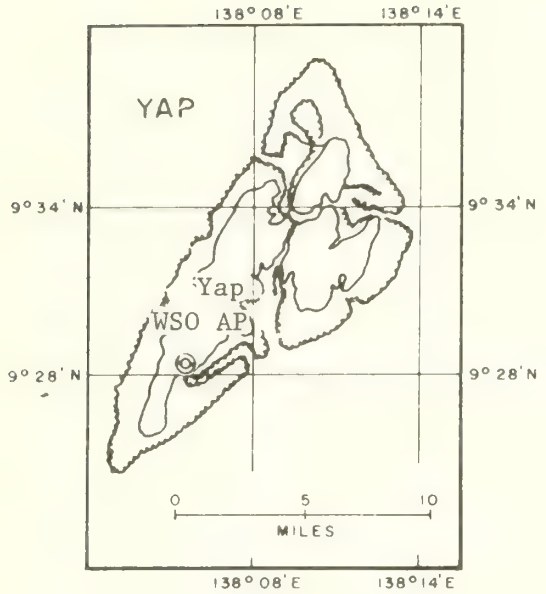

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

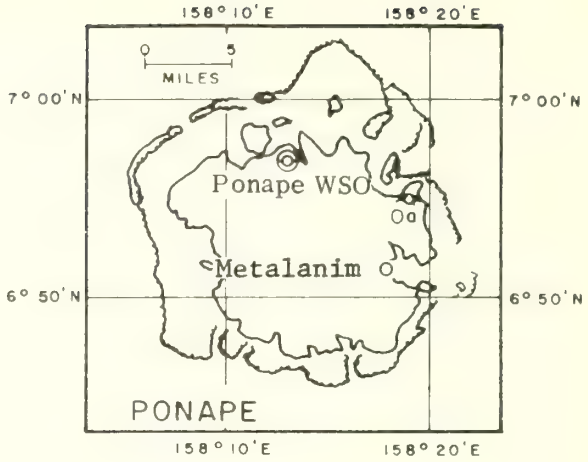

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

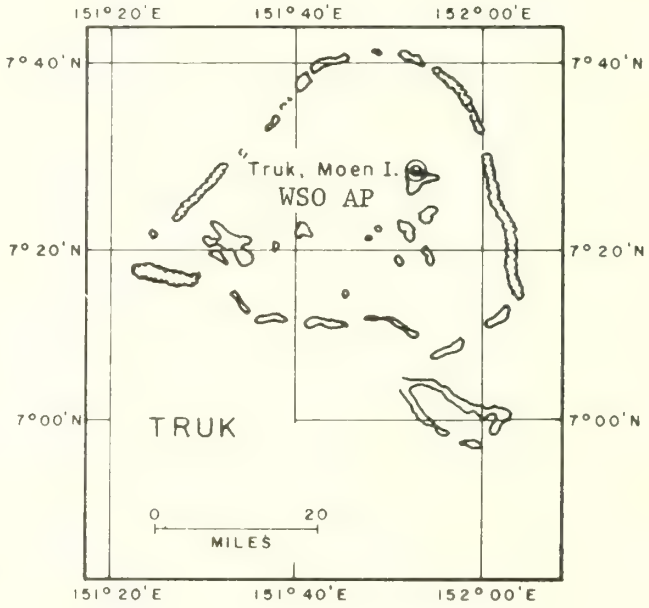

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

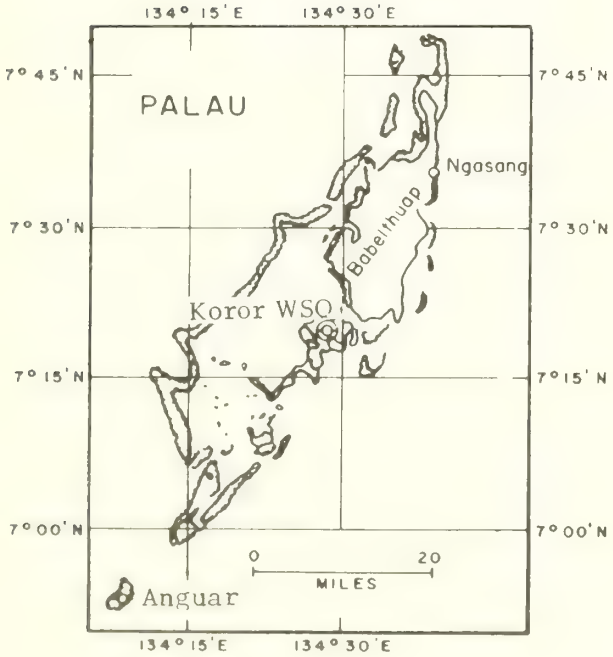

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

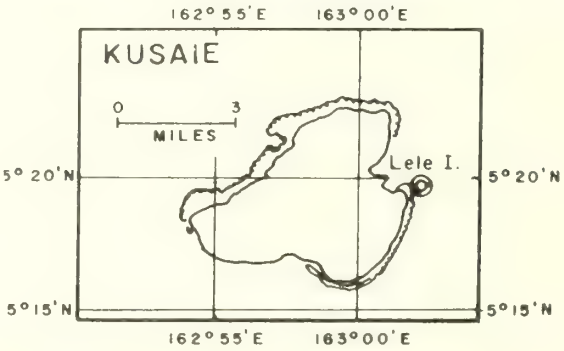
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

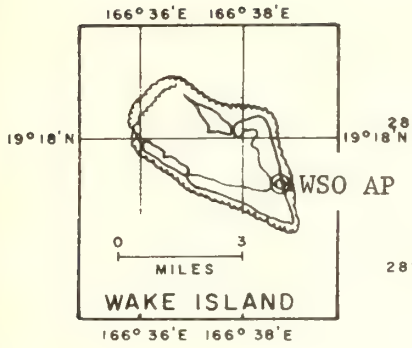

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Metalanim
PONAPE

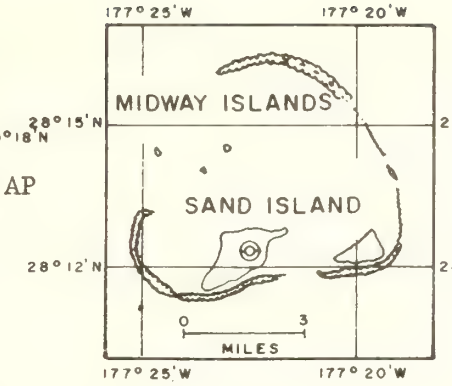

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

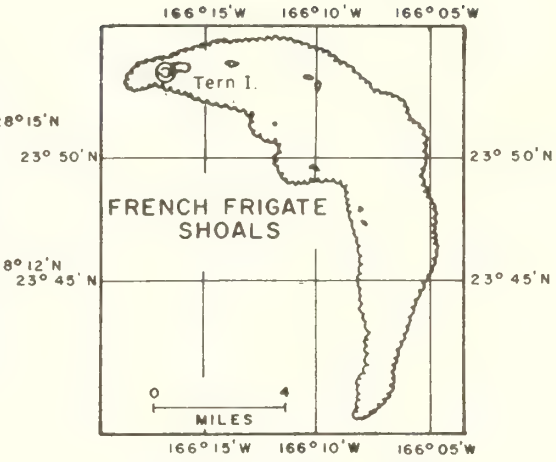

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

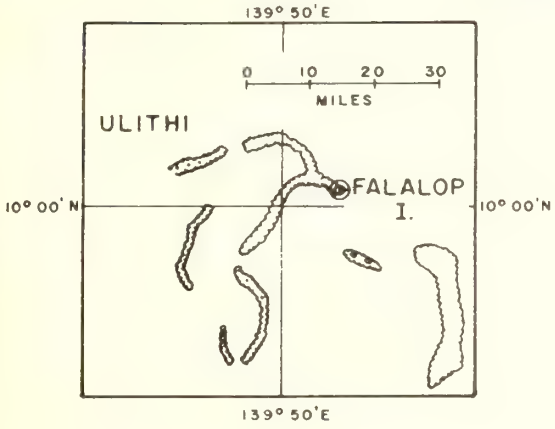

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

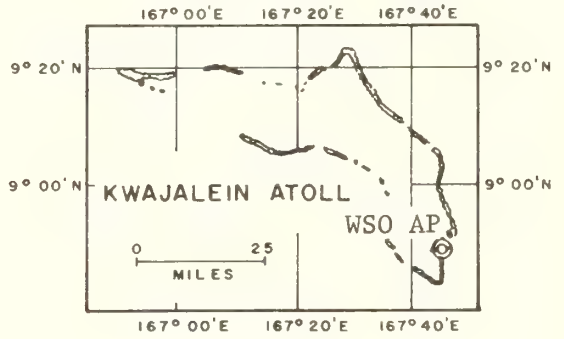
— Reef

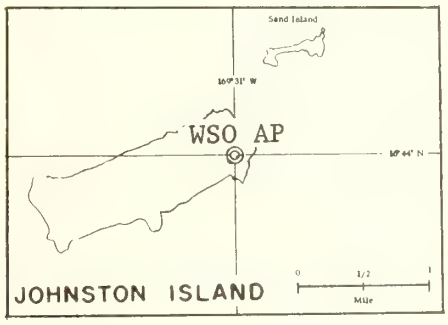

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

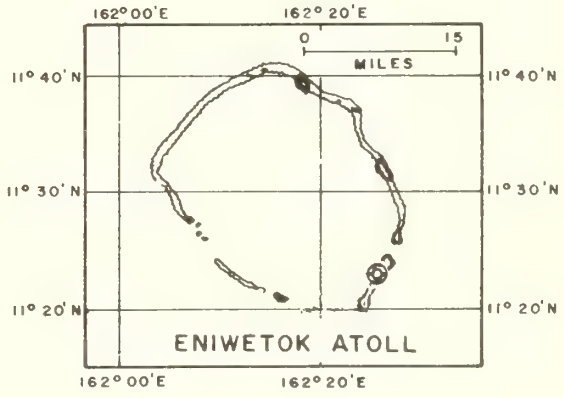

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

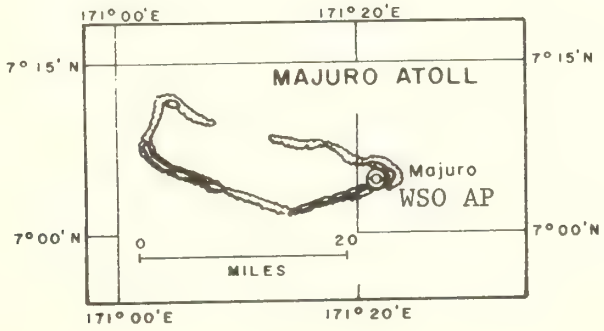

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
169° 31' W
WSO AP
16° 44' N
JOHNSTON ISLAND
0
1/2
1
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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ugust 1974 Volume 70 Number 8

Climatological Data

IAWAII AND PACIFIC

emperature and Precipitation Extremes

AWAIIAN STATIONS ONLY

IGHEST TEMPERATURE 3 STATIONS	93	DATE	23+
OWEST TEMPERATURE MAUNA LOA SLOPE OBS, HAWAII	33	DATE	25
REATEST TOTAL PRECIPITATION IPA 89.2, HAWAII	9.42		
EAST TOTAL PRECIPITATION 3 STATIONS	.00		
REATEST ONE DAY PRECIPITATION IPA 89.2, HAWAII	1.91	DATE	12

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SUPPLEMENTAL DATA

HAWAII AND PACIFIC
AUGUST 1974

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT (STANDARD OF TIME 150TH MERIDIAN)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	02	08	14	20	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
HILO. HAWAII. WSO AP	11	0.8	5.6	17	SE	23	90	80	66	82	2	9	16	1	0	0	28	38	7.7
HONOLULU. OAHU. WSO AP	7	10.4	11.9	26	E	03+	71	65	51	66	15	0	0	0	0	0	15	59	6.3
KAHULUI. MAUI. WSO AP	5	13.2	13.9	33	NE	02	76	68	51	68	6	4	0	0	0	0	10	76	5.7
JOHNSTON ISLAND WSO AP	9	13.2	13.9	36	E	12	80	77	72	78	13	7	4	2	0	0	26	68	6.9
PAGO PAGO WSO AP	9	7.6	9.5	27	NE	06+	84	86	67	77	5	11	5	0	0	0	21	79	4.6
LIHUE. KAUAI. WSO AP	6	10.4	12.2	23	E	03	74	71	64	71	5	11	2	0	1	0	19	68	5.9
GUAM WSO AP	-		-	32	W	13	-	83	83	94	1	9	6	2	4	5	27	52	
WAKE WSO AP	9	10.9	12.6	30	NE	05	84	87	69	73	3	15	3	0	0	0	21	47	6.8
KOROR WSO AP	21	4.3	7.3	27	SW	29	84	-	77	75	3	3	7	2	3	2	20	45	9.2
KWAJALEIN WSO AP	11	4.0	9.3	26++	9	02	83	83	76	78	6	5	6	3	3	4	27	-	8.4
MAJURO WSO AP	10	4.1	6.7	26	E	03	82	83	77	79	6	4	8	4	2	2	26	49	8.0
PONAPE WSO AP	-	-	-	17	NW	13	95	-	75	78	3	3	7	5	5	3	26	39	8.5
TRUK.MOEN I. WSO AP	18	3.3	7.7	31	W	11	90		78	76	2	6	11	3	1	1	24	45	9.4
YAP WSO AP	23	5.1	8.4	38	W	12	85	-	78	75	6	7	8	0	1	3	25	56	8.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1974

STATION		TEMPERATURE												PRECIPITATION								
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																								
■ ■ ■ ISLAND OF KAUAI																								
ANAHOLA 1114	A														1.66				.0	0				0
KANALOHULUHULU 1075		74.5	54.4	64.5		80	31	43	30		0	0	0	0	.40		.15	12	.0	0		1	0	0
KAPAA STABLES 1104	A														2.04				.0	0				
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 936	A														1.80				.0	0				0
LIHUE WSO 1020.1 AP	//R	84.9	75.1	80.0	.9	87	21+	69	28		0	0	0	0	2.23	.02	1.27	23	.0	0		1	1	1
MANA 1026		89.5	69.1	79.3	1.1	91	31+	66	6		17	0	0	0	.23	- .54	.12	7	.0	0		1	0	0
N WAILUA DITCH 1051	A														6.67				.0	0				
PH WAININHA 1115															■				.0	0				0
PUEHU RIDGE 1040															.00	- 1.67	.00		.0	0		0	0	0
WAHIAWA 930	A														.44	- 1.79			.0	0			0	0
WAIAHI LOWER 1054		83.5	64.9	74.2		88	19	59	30+		0	0	0	0	4.68	- 6.20	.65	23	.0	0		14	3	0
WAIMEA 947															.00	- .77	.00		.0	0		0	0	0
ISLAND				74.5											1.87				.0					
■ ■ ■ ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		86.1	73.0	79.6		88	2	67	26		0	0	0	0	1.75		.36	18	.0	0		6	0	0
HONOLULU OBSERV 702.2															.00		.00		.0	0		0	0	0
HONOLULU WSO 703 AP	R	89.0	73.3	81.2	.5	91	30+	67	26		11	0	0	0	T	- .76	T	28+	.0	0		0	0	0
KANEOHE MAUKA 781		84.1M	71.4M	77.8M	.8	87	31	61	6		0	0	0	0	3.21	- .74	.40	17	.0	0		14	0	0
KOOLAU DAM 833	A														5.66		1.21	12	.0	0		14	4	1
LUALUALEI 804	A	88.0	72.2	80.1		90	31+	65	26		6	0	0	0	.02		.01	19+	.0	0		0	0	0
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															3.60		.80	11	.0	0		10	2	0
OPAEULA 870	A	80.3	65.4	72.9	- .2	82	31+	62	7		0	0	0	0	.32		.20	12	.0	0		1	0	0
PALOLO VALLEY 718	R														5.96	- 4.58	1.10	11	.0	0		12	3	2
PRI WAHIAWA 820.2	A	87.4M	66.2M	76.8M		90	30+	62	29+			0	0	0	.50		.12	28	.0	0		1	0	0
WAHIAWA DAM 863	A														.52				.0	0			0	0
WAIAHOLE 837	B														5.64				.0	0				
WAILEE 896.3		86.8	72.5	79.7		90	30	68	29+		1	0	0	0	1.29		.20	23	.0	0		6	0	0
WAILUA 847	A	87.2	67.9	77.6	1.0	93	18	63	16		3	0	0	0	.37	.89	.15	16	.0	0		2	0	0
WAIKIKI 717.2		87.9	73.2	80.6		90	17	66	29+		1	0	0	0	.05		.03	5	.0	0		0	0	0
WAIMANALO EXP FARM		85.8	72.8	79.3		89	28	66	28		0	0	0	0	.51		.12	3	.0	0		3	0	0
WAIPAHU 750	A														.17				.0	0		0	0	0
ISLAND				78.6											1.74				.0					
■ ■ ■ ISLAND OF MOLOKAI																								
KUALAPUU 534	A														.23				.0	0			0	0
MAPULEHU 542																			.0	0				
MAUNALOA 511	B														.24		.12	27	.0	0			0	0
MOLOKAI AP 524		84.6	70.1	77.4		93	17	64	4		3	0	0	0	.13		.08	27	.0	0		0	0	0
ISLAND				77.4											.20				.0					
■ ■ ■ ISLAND OF LANAI																								
LANAI CITY 672	A	78.6M	63.3M	71.0M	- 1.1	83	17	60	30+		0	0	0	0	.23	- 1.40			.0	0		0	0	0
ISLAND				71.0											.23				.0					
■ ■ ■ ISLAND OF MAUI																								
HALEAKALA B E S 434	A														1.72		1.00	20	.0	0		2	1	1
HALEAKALA RS 338		67.4	46.1	56.8	- .2	74	10	37	28		0	0	0	0	.80	- 2.47	.36	20	.0	0		3	0	0
HANA AIRPORT 355		85.2M	69.6	77.4M		89	5	60	29		0	0	0	0	4.37		.50	26	.0	0		20	1	0
HONOKOHUA 493	A														.71				.0	0			0	0
KAANAPALI AIRPORT																			.0	0				
KAHULUI WSO 398 AP	B	87.5	70.2	78.9	.1	93	23	63	29		4	0	0	0	.12	- .22	.05	5+	.0	0		0	0	0
KAILUA 446		79.5M	66.9M	73.2M	- .1	84	23	62	29		0	0	0	0	■				.0	0				
KEANAE 346	A														7.30				.0	0				
KIPAHULU 258															5.88	- 1.78	.70	28	.0	0		19	2	0
KULA SANATORIUM 267		75.3	59.6	67.5	1.2	79	25+	57	29+		0	0	0	0	.21	- 1.86	.07	28	.0	0		0	0	0
LAHAINA 361		88.3	70.5	79.4	1.4	91	19+	68	29		3	0	0	0	.08	- .25	.08	28	.0	0		0	0	0
PAIA 406															.41	- 1.26	.12	5	.0	0		1	0	0
WAILUKU 386	A	83.8M	71.3M	77.6M	- .4	87	26+	69	30+		0	0	0	0	.14	- .63			.0	0		0	0	0
ISLAND				73.0											1.98				.0					
■ ■ ■ ISLAND OF HAWAII																								
HAINA 214		83.6	69.1	76.4	1.4	85	27+	66	13		0	0	0	0	1.21	- 3.49	.55	30	.0	0		2	1	0
HAWAII VOLCNS NP HQ 54		71.7	55.5	63.6	.4	78	2	49	29		0	0	0	0	2.37	- 4.83	.29	18	.0	0		10	0	0
HILO WSO 87 AP	R	84.3	69.4	76.9	1.0	87	23+	64	29		0	0	0	0	4.25	- 6.63	.63	11	.0	0		17	1	0
HUEHUE 92.1	A														.83	- 1.89			.0	0			0	0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
AUGUST 1974

STATION		TEMPERATURE												PRECIPITATION								
											NO. OF DAYS									NO. OF DAYS		
											MAX.		MIN.									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
KAINALIU 73.2		78.5	64.2	71.4		83	19	59	29		0	0	0	0	5.10	- 3.04	1.63	21	.0	0				
KEAAU 92		82.7	66.7	74.7	- .4	85	28+	62	10		0	0	0	0	4.10	- 7.65	.54	12	.0	[illegible]		19	1	0
KEALAKEKUA 26.2															[illegible]				.0	0				
KONA INTERNATIONAL 68.3	A	M	M	M		87	23+	67	29		0	0	0	0	1.53		.41	27+	.0	0			0	0
KUKUIHAELE MTC 199															1.93	- 3.74	.36	9	.0	[illegible]		7	0	0
KULANI CAMP 79		67.5	49.7	58.6		81	31	42	29		0	0	0	0	1.97		.54	12	.0	0		8	1	0
PAHALA 21	A	83.0M	64.9M	74.0M	.2	87	31	61	29		0	[illegible]	0	0	1.04		.38	28	.0	0		3	0	0
POHAKULOA 107	A														.00		.00		.0	[illegible]		0	0	0
PUAKO 95.1	A	86.0	72.2	79.1		89	13	65	28		0	0	0	0	.17		.11	28	.0	0		1	0	0
PUU WAAWAA 94.1	A														.98	- 1.15	.57	20	.0	0		3	1	0
UMIKOA 118															.36	- 4.12	.13	16	.0	0		1	0	0
WAIAKEA SCD 88.2															7.81		1.26	12	.0	0		18	5	2
ISLAND				71.8											2.24				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE												PRECIPITATION								
											NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
■ ■ ■ EAST OF 180TH MERIDIAN																							
CANTON ISLAND		87.3	77.0	82.2		90	24+	73	1		2	0	0	0	1.10		.45	1	.0	0		3	0	0
FAGA ALU RESERVOIR															2.45		.80	7	.0	0		6	3	0
JOHNSTON WSO AP	R	84.3	77.2	80.8		86	29	73	10		0	0	0	0	2.25		.69	16	.0	0		6	2	0
LEONE															2.85		1.48	26	.0	0			1	1
FRENCH FRIGATE SHOALS		M	M	M		90	9	63	6		1	0	0	0	1.57	- .17	.49	31	.0	0		5	0	0
LUMA VILLAGE															1.99		.72	21	.0	0		7	1	0
MIDWAY SAND ISLAND		84.7	73.6	79.2	.5	87	22+	70	15		0	0	0	0	4.24	.09	2.24	20	.0	0		9	1	1
PAGO PAGO WSO AP	R	84.7	71.5	78.1	- .1	87	18+	65	4		0	0	0	0	1.19	- 6.21	.24	24	.0	0		5	0	0
SWAINS ISLAND																			.0	0				
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		83.7	76.7	80.2	.1	87	10+	74	31+		0	0	0	0	22.24	10.93	4.04	11	.0	0		17	11	10
CLARK AFB LUZON		87.8	76.9	82.4	2.6	93	31+	75	31+		18	0	0	0	29.69	12.27	6.81	16	.0	0		20	12	6
GUAM NAS																			.0	0				
GUAM WSO	R	85.2	72.5	78.9	- .2	88	29+	67	12		0	0	0	0	25.66	13.50	4.88	11	.0	0		17	11	9
MANGILAO															18.04		4.51	12	.0	0		20	8	6
ROTA																			.0	0				
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	87.5	75.2	81.4	- 1.2	91	29	71	23		3	0	0	0	1.16	- 5.19	.25	23	.0	0		3	0	0
■ ■ ■ CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															11.76	- 1.17	2.32	2	.0	0		17	7	5
ENIWETOK																			.0	0				
FALALOP I. ULITHI		82.9	75.5	79.2		88	22+	68	20		0	0	0	0	13.51		2.72	11	.0	0		19	9	4
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	87.6	76.6	82.1	.9	90	31+	73	21+		8	0	0	0	13.75	- 1.65	3.09	20	.0	0		14	7	5
KWAJALEIN WSO AP	R	86.1	76.8	81.5	- 1.0	88	22+	73	23+		0	0	0	0	17.21	7.01	2.81	22	.0	0		16	10	7
LELE I. KUSAIE		87.9	74.1	81.0	- .3	91	25+	72	17		6	0	0	0	14.81	- 1.88	3.12	23	.0	0		17	11	5
MAJURO WSO AP	R	85.1	76.8	81.0	- .5	87	30+	72	18		0	0	0	0	13.69	1.91	3.46	10	.0	0		16	8	4
METALANIM		87.7	72.4	80.1		92	11	70	24+		4	0	0	0	15.45		2.20	9	.0	0		19	12	4
MOKIL ATOLL																			.0	0				
NGASANG,BABELTHUAP															5.27		2.87	5	.0	0		5	3	1
PONAPE WSO	R	88.6	72.4	80.5	.4	91	22+	68	21		10	0	0	0	18.77	2.07	2.28	30	.0	0		20	13	8
SATAWAN ATOLL																								
TRUK, MOEN I. WSO AP	R	87.5	75.0	81.3	.4	90	25+	72	11		2	0	0	0	10.72	- 2.72	4.18	3	.0	0		16	5	2
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.8	75.6	81.2	.2	89	18+	70	12		0	0	0	0	12.33	- 2.81	4.04	12	.0	0		12	4	4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
x x x																																
ISLAND OF KAUAI																																
WAIMEA 1114	A	1.66			x	x	05		.03			x	x	.28	.05		.05	.03	x	x	.20		.02		.30	x	x	.65				x
BARDSMOOR STA 986	A	1 57		03	x	x	07	08	.18	02	05	x	x	56	.08	.02	.14	.04	x	x	.04	.02	.12			x	x	.12			x	x
EAST WAIAHI 934	A	2 11	01		x	x	28	07	.27	01	05	x	x	98	.10	.02	.08	.01	x	x	.15	.02	.10			x	x	.16				
FERRIE 927	A	10							.07	T		x	x	.15			.02	.02			T		.02			x	x	.02				x
HALELEA 1110	A	1 28			x	x	05		.03			x	x	18	.11		05	.02	x	x	.15		.04		.10	x	x	.55				
HALENANAHO 1006	A	1 18	05	06	x	x	23	30	11	08	02	x	x	87	.24	03	28	.03	x	x	.19	15	14		17	x	x	23				
HUIPO 945		00																														
ILIILIOLA INTAKE 1050	A	6 16	05	09	x	x	47	64	68	18	19	x	x	1.54	25	02	14	05	x	x	52	11	08	02	95	x	x	18				x
INTAKE WAINIHA PC 1086	A	1 16	x	01	x	x	34	x	x	x	49	x	x	1.53	x	x	x	40	x	x	x	02	x	13	x	x	x	24				
KAMALOHULULULU 1075		40					03	02	02				02	15		02	07							05				02			
KANEHA RESERVOIR 1092	A	1 44		05	x	x	15	10	05	30		x	x	80	25	08	15	03	x	x	50		23	05		x	x	70				x
KAPAA STABLES 1104	A	2 04			x	x	08	05	14			x	x	23	10		08		x	x	34		02			x	x	1.00				
KEALIA 1112	A	1 59			x	x	10		02			x	x	20	07		10	01	x	x	13		01		10	x	x	85				
KEKAHA 944		04						02																	02							
KILAUEA 1134	A	2 61						20	10	03		31		50	17		10				27		10	04	44			35				
KILAUEA FIELD 17 1135	A				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOLO 1033		05																												.05		
KOLOA 936	A	1 80			x	x	20	04	.24	.04	.04	x	x	50	.10	.01	.11	.11	x	x	.16	.03	.10		.05	x	x	.07				x
KOLOA MAKA 894	H	3 28	x	x	x	x	x	88	x	x	x	x	x	x	1.54	x	x	x	x	x	x	39	x	x	x	x	x	x	.47	x	x	x	x
KOLOKO RES 1137	A	3 90	x	50	x	x	x	x	x	x	.57	x	x	x	x	x	x	1.17	x	x	x	x	x	x	1.20	x	x	x	x	x	.46	x
KUKUIOLA 935	A	50			x	x	08	02	08	T		x	x	.16	.01	T	.09						.06								x	x
LIHUE VARIETY STA	A	2 98	06	02	x	x	08	12	06			x	x	32	06	07	09	03	x	x	.21			08	40	x	x	1.38				
LIHUE 1020	A	1 89	02	01	x	x	18	07	02	02		x	x	32	04	01	09		x	x	24	02	07	03	50	x	x	25				
LIHUE WSO 1020 1 AP	A	2 23	02	02	28	T		05			03	T	06	08	T	03	03		20			02	06	08	1.27		T				T
MAKAHUENA POINT 940.1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKAWELI 965	A	14							02				03	03									01		05							
MANA 1026		23						03	12																				08			
MOHIHI PR ROSS 1083	A	87					07		07				30	15	07		07						07		07							
MOLOAA 1145	A	2 13		09				02	17			x	x	52	02				x	x	15		10		57	x	x	49				
MOUNT WAIALEALE 1047	R	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MIU RIDGE 1035		09							09																							
N WAILUA DITCH 1051	A	6 67	07	13	x	x	23	65	03	06	35	x	x	1 31	23	06	16	12	x	x	51	16	15	02	1 29	x	x	33		01			x
PH WAIMEA 1115		2 34		01	x	x	55	23	27	T	04	x	x	63	24	01	06	01					08	02	10							
PRINCEVILLE RANCH 1117		x			x	x	18	50	09	24	24	x	x	83	03		05	03	x	x	08		04		31	x	x	06		02		x
PUEO RIDGE 1040		00																														
PUHI 1011	A	67			x	x	09	08	04			x	x	28	04	02							01		07	x	x	04				x
RESERVOIR 6 1004	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAHIAWA 930	A	44			x	x	03	01	02			x	x	17	T	T	05				T	06	05			x	x	05				x
WAIAHI LOWER 1054		4 68	04	03	22	02		43	29	13	15	63	60	34	23		09	17	05		19	02	13	03	65	21		03				
WAIAHI UPPER 1052		6 17	09	04	61	03	02	45	28	14	18	90	42	75	41	03	12	08	04	06	22	18	14	03	65	22		08				
WAIAKA 947		14						01	05																			08				
WAILUA KAI 1065	A	2 29		05	x	x	08	03	08			x	x	12	05	06	04	03	x	x	30					x	x	1 45				x
WAIMEA 947		00																														
WEST WAIAHI 931	A	60			x	x	12	03	04			x	x	23	01	T	07		x	x	04	T	06									x
x x x																																
ISLAND OF OAHU																																
BERETANIA PUMPING STA		19		04	04		05	03		01		01		T	T		T			01			T									
CAMPBELL IND PK 702 5		00																														
CAMP 84 807	A	16	x	x	06	x	03											.01														
CHURCH COLLEGE LAIE		1 75		22		08		02		T	03	02	10	09			09	T	T	36	01	01	01									
COCONUT ISLAND 840 1		96	01	12	10		08	01			01	01	x	16			10		01	x	02	25	13	02	28		01		03			
EWA PLANTATION 741		00																			10	01	01	12	02	02	04				02	
HELEAKAO INTAKE 881	A	1 34	x	x	x	x	26	x	x	x	x	x	x	50	x	x	11	x	x	x	29	x	x									
HOKULOA 725.2	A	63	x	x	x	x	x	18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	10	x	x	x	x	x	x	x	x
HONOLULU OBSERV 702 2		00																						x	28	x	x	x	x	x	07	x
HONOLULU WSO 703 AP	R	T	T	T	T	T	T	T	T	T	T		T	T		T						T	T							T	
MONOLULU SUBSTA 704	R	09		03	T	02	T	02	T	02	T																					
M S P H EXP STA 707		38		12	02		05	03		01	02	02		04	01		03				01		01	01							
MAEMA POINT 841.3		x	x	20	x	x	10		x	x	x	x	x	x	x	x	06	x	x	x	x	10	04	01								
MAHAMA 883	A	15 46	x	x	x	x	1 60	x	x	x	x	x	x	4.80	x	x	x	x	x	x	2.46	x	x	x	x	x	x	4.60	x	x	x	x
MAHUKA 912	A				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAILUA FIRE STA 791 1		2 35	10	25	29	20	03	50					x	04	20	21	10	15		04			03	06	05		02					08
MALIHI RES SITE 777	R	4 31	02	66	08	02	02	21	04		22	10	70	44		04	06	04	04	46	28	14	04	62	04	02						02
MANOAHE MAIKA 781		3 21	04	4	32	02	07	11			14	05	05	31	20		10		40	33	25	15	03	11	27	10					01	01
MAPAPA 771	A	78			x	x	08	11	04	05	10	x	x	25	02			x	x	x	08			05								x
MAHAIHAPAI 841	A	12					T					x	x	01				09	x	x	17			01	04							
MAHAI IKI INTAKE 880 2	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MEMOI CAMP 8 855	A	24		T	x	x	04						x	01		T	02		x	x	12		03	03	02							
MOOLAU DAM 833	A	5 66	13	35	30		22	27		04	10	20	54	1 21		04	03	51		10	08	07	82	30	05		02		04	24		
UHLIALEI 804	A	02												01							01											
WAIALEALEI WTR TUNNEL	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MAKAHA KAI 796 1	A	06			01		T					T		T															.05			
MAKAHA PUMP 800 2	A	16	13				02	02						02			01	01			04									.05			
MAKAPUU POINT 724			-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANOA 712 1		1 84		38	19		14	20	x	x	11	05	05	22	12		18			02		10	08									
MANOA TUNNEL 2 716	R	5 22	16	08	06	10	08	34	12		20	02	1 12	54	04	30	14			62	28	26	08	48	06							14
MOANALUA 770		77		05	03	x	06	x	x	03			05	x	x	x	x	x	x	x	x	x	x	x	x	x	55					
MUUANU RES 4 783		3 60	12	66	02			08	22		18		80	18		16	02		02	34	24	06	06	44								
MUUANU RESERVOIR #5	A	2 24	x	x	x	x	46	x	x	x	x	x	x	1 37	x	x	x	x	x	17	x	x	x	x	x	x	x	22	x	x	x	02
NAPUNA 870	A	32		T			T						02	20		T	T			02										08		
PALI GOLF COURSE 788 1		2 92	03	43	15	03	02	02	06	09	01	01	11	30	02	03	02	85	01	28	01	09	01	30	02							02
PALOLO VALLEY 718	R	5 96	48	1 08	08	06	02	18	06		28	02	1 10	44		40	14		04	52	32	02	06	44	02			02		04		14
PAUOA FLATS 784	R	7 32	08	1 00	10	04	32	50	12		44	04	1 38	48	02	26	04			46	68	16	24	72	06							14
POHAKEA ROAD 724.4	Y	1 56	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.54															08
PRI WAHIAWA 820 2	A	50		02	x	x	07					x	x	07	x	x		06	x	x	06		03	03								02
PUNCHBOWL CRATER 709	A	72		10	05	03	08	09		04	05	02	02	07	02	01	04	02	01	04			02	01				03	12	01		x
ST STEPHENS SEM 788		2 64	06	23	35	02	05	02	T			11	07	39	11	01	07		29	22	T	09	09	28	14	03						
TANTALUS 2 780.5		1 07	T	23	25	01	15	27	05	18	x	11	4	78	12	01	22	04	x	x	16	15	16	14	02							01
UNIV OF HAWAII 713	A	58		13	x	x	11	03	T		T	x	x	18	01	T	09				T	01	T	02	T							02
UPPER WAHIAWA 874.3		1 58		03	12		01	06	T		09		35	48	02	T	05	T			15		05	08	03				06			
WAHIAWA DAM 863	A	52			x	x	14	T				x	x	20		01	02	01	x	x	13		01	T								
WAIAHOLE 837	A	5 64	02	24	x	x	91	14	04	02	05	x	x	1 08	24	x	09	19	x	x	09	52	21	19	63	x	x	08	x	05	x	x	x
WAIHOLE KAHALA 715		16		03	01	T	05		T				02	02	T		T					T	T	03								T
WAIKELE 898 3		1 29		06	06			15				04	12	14			01	09		19	11	06		06	20							
WAIKUA 847	A	37			x	x	05	01						T	T			15					02		02							
WAIMANU 748	A	03																			01		02									
WAIWAA 836	A	5 71	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.71
WAIKANE 884	A	6 36	x	x	x	x	1 79	x	x	x	x	x	x	1.42	x	x	x	x	x	x	1 19	x	x	x	x	x	x	1.96	x	x	x	x
WAIKII 717		04		T	T	T	03	02					T				T							T	T				T		
WAIMANALO FIE FARM		51	01	10	12		01						02	08	03		10										02					
WAIMEA 896	A	1.56			x	x	20	11				x	x	40	08	09	05		x	x	.41		.11	01	07	x	x	03				.02
WAIPAHU 750	A	17			x	x	09												x	x	04											
WILHELMINA RISE 721	R	92	02	24		02	04	08	02	02	02		16	04		06								04								x
																								04				14	02			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

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HAWAII AND PACIFIC
AUGUST 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAUNAKAKAI 536	A	.34																											.25	09			
KEONELELE PENS 551	A	.00																															
KUALAPUU 534	A	.23						.01				*	*	.01					*	*	14		03						.04				*
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAUNALOA 511	A	.24			*	*	.10																						12	02			
MOLOKAI AP 524		.13				.01	.01	.01					T	T		T	02			T									08	T			
PUUOHOKU RANCH 542 1		*		11	*	*	04	.04		.01	.04												01	17	05	*	*	03				*
WAIKOLU 540	A	2.26					.73							.67							.52									.34			
* * * ISLAND OF LANAI																																
KANEPUU 690	A	1.50																*	*	*	*	*	*	*	20	*	*	*	*	*	1 30	*
KAUMALAPAU HARBOR 658	A	T																											T				
LANAI CITY 672	A	.23										.02					.03			*	08	03			02					05			
LANAIHALE 684	A	1.02	*	*	*	*	*	*	*	.05	*	*	*	*	*	*	12	*	*	*	*	*	*	*	55	*	*	*	*	*	*	30	*
MANANA 694	A	.55																*	*	*	*	*	*	*	05	*	*	*	*	*	*	50	*
MALAUEA 676	A	.07	*	*	*	*	*	*	*	05	*	*	*	*	*	*	02															*
WAIAKEAKUA 685	A	.16	*	*	*	*	*	*	*	*	*	*	*	*	*	*	01	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15
* * * ISLAND OF MAUI																																
AUWAHI 252	A	.15																						15								
HALEAKALA B E S 434	A	1 72		.02		02	.38	06	01			01		03		07	01			03		1 00	.02	03								03
HALEAKALA RANCH 432	A	.18	*	*	*	*	18	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEAKALA RS 338		.80	*	.06							T	.15	T						.05			.36		T	11				07			
HALEAKALA SUMMIT 338.4	A	.69									.02				.04							.62	.01									*
HALIIMAILE 423	A	.46		.04		*	.13	10								04				*	.08	03		03								*
HAMAKUAPOKO 485		1.51	.01	.02			.11	.05	.20			.03	.08	35	.05	08	11						08	19							08	07
HANA 354	A	2.74	.01	.10	.07	*	.44	27	04			27	*	21	.07	19		04		*	30	21	04	18	06		*	18		06		
HANA AIRPORT 355		4.37	.04	09	.03	.12	25	26	20	05	.21	14	16	12		10	.11	.18	.10	.39	11	36	14	35	T	T	01	50	T		T	.12	23
HANAMAULI 281		6.01	19	.08	.12	.09	23	.57	.15	.32	20	.27	.12	.23	03	.26	.10	18	06	.20	52	36	10	48	.22	.09	04	05		20		18	.37
HOLUA CABIN 250.5	A	.11	*	*	*	*	*	*	*	*	*	*	*	11	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOKOHAU 480	A	5.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5 60
HONOKOWAI 493	A	.71		.02		*	.12	03	.01		.10	02	*	.10	03	05	03		*	*	*	05	03	05	04							03	*
HONOMANU GULCH 341	A	1.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.60	*
KAAMAPAI AIRPORT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAHOMA INTAKE 374	A	2.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2 15
KAHULUI WSO 398 AP	R	.12				05	05					T			01	T					T			01							T	T
KAILILI 436	A	2.76	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.76	*
KAILUA 446		*	.02	.17	*	*	29	11	.40	.03	.25	*	*	1 12	.10	.32	.06		*	*	.21	.35	.02	.36	03	*	*	05				23	*
KAUALUA INTAKE 375	A	36												10							18							08					
KEAHUA 410		.06					.05	T												01													
KEANAE 346	A	7.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	7.30	*
KEAWAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIHEI 311		.00																															
KIPAHULU 258		5.88	.05				.37	31		09	28	25	30	38	14		09	23	20	17	.10	.15	.30	46	52	40	30			.70		10	
KULA HEIGHTS 323.2		.05										03													.02							
KULA SANATORIUM 267		21						.02			T	T				4		02	T			T		06	T				07	T		
LAHAINA 361		.08																											08				
LAUMAIPOKO INTAKE 376	A	1.30																															1.30
LAUMAIPOKO VILLAGE 372	A	.36																												.36			
LUPI UPPER 442	A	6.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6 00	*
MAHINAHINA 466	A	.34					.07							20										07									
MAKALELE FIELD 60 497	A	1.33	*	*	*	*	.19	*	*	*	*	*	*	53	*	*	*	*	*	*	19	*	*	*	*	*	*	37	*	*	*	.05	*
OLINDA 332	A	1.03				*	.04					01	03				01	*	09	*	.01	.64	.03		10					07			*
OLOWALU 296		.74																												74			
PAAKEA 350		v 8.59	.20	.31	.06	05	.66	50	04	30	74	26	.45	1 29	.12	31	43	.25	.05	.16	09	50	.33	64	23						.30	.32
PAIA 405		.41					.12	.03	02				.03	.02	T	.03	02					02	.03	.05	T						T	04
PAMILEHULU 259.2	A	.75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.75
POHAKEA BRIDGE 307.2	A	01					.01																										
POLIPOLI SPRINGS 267.2	A	.76	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	76
PUOHOKAMOA 2 343	A	6.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6 60	*
PUUMEME 396		.03					.03																	T									T
SPRECKELSVILLE 400.2		14				.01	08	.01								01				T			01	01									01
TWIN GATES 261.3	A	.00																															
UKULELE 333	A	1.13	*	*	*	*	.17	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	96
UKUMEHAME 301	A	.26																												.26			
ULUPALAKUA RANCH 250		.37						.08													*	17	11				*	01					
WAHIKULI 364	A	.00																															
WAIEHU CAMP 484	A	.21		.04			.05									.04	01							.01	.04						02		
WAIHEE VALLEY 482	A	.69		.22	.01		.02									02	02	.17						15							08		
WAIKAMOI 449	A	6.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6 70	*
WAIKAMOI DAM 336	A	4.80	.11	.25	.05	.14	.95	.46	.18	.07	.05	17	15	51	.01	.25	02	*	01	14	02	46	.26	27	07	*	*	*	*	07		14	*
WAIKAPU 390	A	.04					.04																										
WAILUKU 386	A	.14			*	*	.07								.03								01	02							.01	*
WAIOPAI RANCH 256	A	.00																															
* * * ISLAND OF HAWAII																																
AKUA UMI 75	A	1.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.30
AWINI 182.1	A	6.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.50	*	*	*	*	*	*	*	*	*	*	*	*
CITY OF REFUGE 27.4		1.57			*	.36	.03	.01	.13	01	.05	.04				07	T					02	.61		T				.03	05	16	T	
EAST HONOKAHE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HAINA 214		1.21			.03		.08	.02					.01	.04	02	02		02				08	.08	.02	.01							.55	.23
HAKALAU 142		4.63	.26	.11	.04	10	.10	.29	.13	.02	.13	.05	.34	.83	.11	03	.08	12		02	.21	.32	.13	.11	23			10		14		25	.28
HALEMAUMAU 52	A	.10	*	*	*	*	*	*	*	*	*	*	*	*	*	.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEPIULA 117	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEPOHAKU 111	A	.08									.02																						.06
HAWAII VOLCMS MP HQ 54		2.37	.14		.05	.02	.14	.18	.16	.06	.05	.13	.14	21	.02	T		.06	.01	.29	03	27	05	.11	.04	T	.02	02		.09	T	.03	.05
HAWI 158	A	1.98			*	*	.07	.03			.32	*	*	.72	.04			.03	*	*	.07	.11		50	.04						05	*
HILO COUNTRY CLUB 86.6		9.22	.27	.10	.14	.10	.26	26	.10	.33	.02	.11	.30	1.88	.06	.04	.02	.26	T	.44	.05	1 25	.19	.55	19		T	.04	T	.45		83	.98
HILO WSO 87 AP	R	4.25	.42	.09	.11	.10	.33	.06	.08		.20	.10	.63	.03	.13		.12	.02	T	.11	.12	.10	.07	.26	.01	T	.04	.05	.19		.39	.27	.22
HOLUALOA 70	A	3.90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	3 90	*
HOLUALOA BEACH 68	A	1.35	*	*	*	*	*	*	*	*	.40	*	*	*	*	*	*	*	*	*	*	*	*	.60	*	*	*	*	*	*	.35	*	*
HONAUNAU 27		*			*	*	1.42	.28	.19	*	28				.53	.21				*	.04	03	.88	.02	.22	*	*	.42	.48	.22			*
HONOHINA 137		5.05	.40	.01	.09	.05	.22	.03	.06	.01	.11	.07	.31	1.35	.05	.06	08	13		.08	.40	52	.08	.15	.06			.02		.05		.46	.20
HONOKANE 181.1	A	13.50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13.50	*	*	*	*	*	*	*	*	*	*	*	*
HONOMU MAUKA 138		8.70	.66	.04	.13	.18	.48	.12	.10	.09	10	.16	.38	1.51	.34	.01	.07	.22		.07	21	1 04	.28	.46	.30		.04	.01	.02	.65		.87	.25
HONUAULA 71	A	1.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.02	*
HUALALAI 72	A	1.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.15	*
HUEHUE 92.1	A	.83	*	.35	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	48	*	*	*	*	*	*	*	*	*	*	*
KAALA IKI 12	A	3.92	*	.05			*	*	*	*	81	.01		*	*	*	*	.14			*	*	*	*	1.31		.07	.15	*	1.22	*	.16	
KAAWALOA 28	A	3.42		*	*	*	.25	.03	.35	T	.03	*	*	.19		.32					*	.08	1.08	.02	.01	*	*	.33	.11	.31	30		*
KAIMALIU 73.2		5.10	T		*	*	.63	.09	.27	.01	.34	*	*	.31	T	.10	T		*	*	.01	.19	1.63	.23	.10	*	*	.36	.16	.07	.60			

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HAWAII																																
KALAPANA NO 1 67 8		2.12	.02		.01			.16	.06			.01	.04	.11	.02	.05		.12		.05	.08	.01	.08	.18				.26	.23	.63	T		
KAPAPA NO 2 6	A	3.77	*	*	*	.24	*	*	*	*	*	*	*	*	*	*	*	*	*	1.48	*	*	*	*	*	*	1.40	*	*	*	*	*	.65
KAPAPALA 192 2		1.56	.15			.10	.13					.02	.16	.40	.05	.02														.22		.11	.03
KAPAPALA RANCH 36	A	4.27	*	*	*	*	*	*	*	*	*	*	1.12	*	*	*	*	*	*	.05	*	*	*	*	*	*	.80	*	*	*	*	*	2.30
KAPOHO CAMPING 93 5	A	4.42	*	*	*	*	.99	*	*	*	*	*	*	1.81	*	*	*	*	*	*	1.14	*	*	*	*	*	*	.48	*	*	*	*	*
KAWAINUI LOWER 191	A	9.18	*	1.80	*	*	*	*	*	*	.60	*	*	*	*	*	*	2.60	*	*	*	*	*	*	3.20	*	*	*	*	*	*	.98	*
KEAAU 92		4.10	.32	.14	.17	.03	.11	.17	.22	.02	.05	.10	.22	.54	.12		.07	.16	.02	.05	.16	.26	.13	.12	.12	.03	.01	.10		.05		.30	.31
KEALAKEKUA 26 2		*	*	*	*	*	.70	*	*	*	*	*	1.70	*	*	*	*	*	*	*	.20	*	*	*	*	*	*	1.38	*	*	*	*	*
KEHENA 181.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KIOLAKAA A & F 6	A	5.02	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.02	*
KIPA 89 2	A	9.42	.76	.09	.30	.18	.39	.23	.11	.08	.02	.15	.26	1.91	.05	.10		.35	.01	.29	.10	1.45	.24	.48	.27		.03	.08		.45		.85	.18
KOHALA MAULILI 176	A	2.51	.03		*	*	.04	.02	.01		.28	*	*	1.40	.02	.05		.02	*	*	.20	.05	.01	.25	.01							.12	*
KOHALA MISSION 175 1		2.72	T				.03	T			.48	.10	.06	.69	.03	T		.04		.08	.05	.12	T	.51	T							.09	.44
KOIAWE LOWER 196	A	5.17	*	1.18	*	*	*	*	*	*	.32	*	*	*	*	*	*	1.70	*	*	*	*	*	*	1.55	*	*	*	*	*	*	.42	*
KOMA (KAILUA) 58.3	A	1.53						.04			.41	*	*	.01		.06						.16				*	*	.34	.41	.03	.07		*
KOMA VILLAGE 93 8		.25																				.25										
KUKAIAU 222		1.12	.04		.03	.01	.17						.03	.18	.06	.06			T			.17	.04	.01		T					.18	.14
KULAINAELE MIL 199		1.91			.02		.06	.03			.36		.06	.16	.01	.05		.05		.15		.14	.14	.05	.03						.31	.31
KULAINAELE MIL 206	A	1.35			*	*	.07	.01			.25	*	*	.09	.01	.08	.01	.02				.11	.06	.15	.01						.26	.22
KULANI CAMP 79		1.97	.09				.06	.07	.06	.12	.17	.18		.54		.02				.16		.18	.01	.11	.03					.10		.07	
KULANI MAUKA 76	A	.55					.05	.05			.20		.20												.05								
KULANI SCHOOL SITE 78	A	2.22	*	*	.20	*	*	*	*	*	*	.74	*	*	*	*	*	*	.68	*	*	*	*	*	*	.35	*	*	*	*	*	*	.25
LAMINAU 68.2		5.48			.22	.05		.75	.05	.13	.93	.47									.68	.22		.14	.08			.05	.94	.69	.09		
MAKAHALAU 103		1.02												.12			.15					.15		.15	.20					.25		
MANUKA 2	A	3.10	*	.60	*	*	.80			.30				T			40				T				T			T		1.00			T
MAUNA KEA OBS 111 2		.02											.02	T					T	T												
MAUNA LOA SLOPE OBS		.00																														
MIDDLE HOUALOA 68 1	A	2.06	*	*	*	*	*	*	*	*	.60	*	*	*	*	*	*	*	*	*	*	*	*	1.04	*	*	*	*	*	.42	*	*	*
MIDDLE PEN 147 1	A	.22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.22
MOAULA 18	A	1.19	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.19
MOUNTAIN VIEW 91		7.59	.56	.32	.20	.04	.12	.46	.17	.01	.05	.19	.46	1.12	.21	.12	.04	.19	.06	.15	.46	.88	.27	.60	.18	.02		.08		.29		.33	.21
NAALEHU 14	A	1.97					.01	.21	T	T	.05	.02						.09		.07		.38	T	.09	.05		T	.22	.38	.37	.01	.02	
NAPOOPOO 28	A	2.34	*	*	*	*	.36	*	*	*	*	*	*	.50	*	*	*	*	*	*	.46	*	*	*	*	*	*	1.02	*	*	*	*	*
NIULII 179	A	2.07			*	*	.04				.32	*	*	.40	.02	.02		.04	*	*	10	.10	.01	.95	.02							.05	*
OOKALA 223		2.37	.21	.07	.10	.02	.03	.06	T				.03	.55	.06	.11	.02	T				.24	.04	.25	.02							.28	.28
OPIHIHALE 2 24.1		3.16		.23	.51	T		.59	T	.13	.28	T		.17	11	.03		T		T	.10	.35	T	.09	T	.08		.20	.12	.17	T	T	
ORCHID LAND EST 91 5	A	5.45	*	*	*	*	1.46	*	*	*	*	*	*	1.90	*	*	*	*	*	*	.64	*	*	*	*	*	*	1.45					
PAAUHAU 217		.76			*	*	.06					*	*	.01		.01						.07	.07									.32	.22
PAHILO 22		.74	.01		.04		.14						.02	.04	02	.05		.01				.11	.03	T								.11	.16
PAHALA 21	A	1.04						.02	11	.08	T							.03				.07						.02	.28	.38	.05		
PAHOA 65		6.14	.33	.18	.19	.03	.15	.22	.19	.09	.21	.14	.33	.82	.14	.16		.33	.06	.14	.44	.25	.21	.23	.12	.02		.05				.75	.36
PAKAO 17	A	6.70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.70
PAPAIKOU 144.1		5.19	.41	.09	.05	.06	.53	.10	.11	.09	.11	.07	.20	.88	.05	.17	.02	.19		.14	.13	.51	.20	.08	.18		.02	.06		.18		.60	.17
PAPAIKOU MAUKA 140 1		8.57	.61	.18	.12	.12	.43	.13	.13	.02	.04	.17	.30	1.74	.07	.10	.16	.41		.04	.14	1.16	.21	.38	.25		.06	.01		.23		1.11	.25
PITHONUA 89	A	11.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.00	*
POHAKULOA 107	A	.00																															
PUAKO 95 1	A	.17							T										.03			T		T				.03		.11			
PUU KIHE 120	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUU LAAU 102.1	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU LEHUA 73	A	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20
PUU MALI 113	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
PUU OO 82	A		-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94 1	A	98							01			*	*	04				-	*	*	.01	.57	-	.06	.05	-	-	-	.14	.10	-	-	-	-
SADDLE ROAD 1 84	A	9.40	3.20	*	*	*	*	*	*	1.16	*	*	*	*	*	*	2.52	*	*	*	*	*	*	2.52			*	*	*				*
SOUTH POINT CORRAL 3	A	1.05	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	25	*	*	*	*	*	*	.48	*	*	*	*	*	.32
UMIKOA 118		.36					.07									.05		.13				.03										.08	
UPOLU POINT USCG 159 2		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88 2		7.81	.29	.15	.14	.04	.37	.35	.17	.15	.03		.10	1.26	.22		.70	.60		.55	.05	.70	.21	.30			.05	.03	T			1.15	.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
AUGUST 1974

STATION	TOTAL	DAY OF MONTH																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND	1.10	.45	T						.02					T	.05								.44				.02		.12			
FAGA ALU RESERVOIR	2.45							.80						.50								.15			.50		.40			.10		
JOHNSTON WSO AP R	2.25	.01	T	.12	T	T		T	.01	.01	.56		.21	T	T	T	.69	.41	T	T			.01	.01	T		T	T	.12	T	.03	.06
LEONE	2.85				.05		.48		.17											.03	20				.06		1.48		#	16		.22
FRENCH FRIGATE SHOALS	1.57									.19			.05			.06	.06									34		02	.18	.13	.05	.49
LUMA VILLAGE	1.09	.03	.11				.15	.13	.25	.07	.11		.02					.12	.07	.03	.09	.72	T	02	.04							.03
MIDWAY SAND ISLAND	4.24		.03	.10	.09	.02	.08		.04	.27	.02	.19	.16	.01		.25			.02	.10	2.24	.22	.02	.05				.04	.01	.02	.25	01
PAGO PAGO WSO AP R	1.19	T	.03	.04	.01	.14	.21	.01	.03	T		T		.03			T	.03		.04	T			.08	.24	.10	.01			17		02
SWAINS ISLAND	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM	22.24	.13	.01	.03	.03	T	.03	.04	T	.16	1.51	4.04	3.97	1.43	1.14	1.00	1.52	.04		13	01	1.06		T	.02	.06	1.26	3.14	25	.10	32	81
CLARK AFB LUZON	29.69	.02	.21	.14	.04		.09	1.76	.16	.68	.71	.51	.48	.06	.97	3.56	6.81	6.49	1.38	.41	.75	.22	.04	.25	.77	08	13	08	.06	2.76	.08	
GUAM MAS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM WSO R	25.66	.09	.05	.19	.03	.60	.59	.34		.21		4.88	3.27	2.09	1.41	1.67	1.34	.01		.02	.22	2.28	24	.05	T		1.57	3.92	.47	05	.02	.05
MANGILAO	18.04	.03	.09	.13	.24	.04	.14	.10			.04	.15	4.51	1.33	1.21	.62	2.02	.94	.07	.15	.34	.13	.04	.20	.03	05	.33	1.74	2.77	28	24	08
ROTA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAIPAN USCG LORAN	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAKE WSO AP R	1.16	.20	.01	.02		.16	.04		.07	.09		01	.05	.04	.02	.01			.06	.01	.02		.05	.25	.05			T			T	T
* * * CAROLINE AND MARSHALL ISLANDS																																
ANGUAR	11.76	.38	2.32	1.70		.12	.72	.03	.12	.66	1.00	.17								.26	1.60	.02	.15	1.56	02			.29	29	.12		.13
ENIWETOK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALALOP I, ULITHI	13.51		.07		.76	.09	.21	.03	.06	.08	1.33	2.72	.63	1.76	.54	.36	.13	.23	.11		.81	1.12	.05			.09	.40	.45	.36	.39	.53	.21
KAPINGAMARANGI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO R	13.75		T	1.68	2.87	.21	.05	.11	.29	1.01	.91	.99		.10					T	.03	3.09	.20			45		T		1 43	.27	.06	
KWAJALEIN WSO AP R	17.21	T	.55	.06	2.18	.17	2.32	1.10	T	.23	.73	.01	.66		.19	.33	1.05	.09	1.89	T			2.81	2.25	.08	.21	T	.26	.04		T	T
LELE I. KUSAIE	14.81		.30	.46	1.03	.20			1.89	.85	1.28	.45		.38	58	1.16	.50	.95	.02	.09		.12	.64	3.12				.02			07	70
MAJURO WSO AP R	13.69	1.37	.32	.89	.50	.38	T	.46	T	.07	3.46	.25	.07	T	32	T	2.09	.27	.75		T	T	.87	.27	.24			.02		.07		1.02
METHLAKIM	15.45	.01	.11	.94	2.03	.14	1.48	.19	.05	2.20	.67	.02	.90	67	.70	.10	.65	.08	40	.01						.66			.95	32	1.94	.23
MOKIL ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG,BABELTHUAP	5.27	.05		.52	.86	2.87																			.06	.07			.42	.30	.02	
PONAPE WSO R	18.77	.91	1.09	1.38	.84	.32	1.35	.16	2.10	1.59	.10	1.48	.51	2.17	T	T	.18	.93	.01					.04	.16	.10	.04		56	T	2.28	.46
SATAWAN ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP R	10.72	.05	.16	4.18	.46	.15	.01	.24	.02	.69	.67	1.28	.30		.10			.13	27	.34	.02		.33	T	T	.09			.47	.67	.09	
WOLEAI ATOLL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAP WSO AP R	12.33	.01	2.19	.29	.14	.01	T		.13	.32	2.95	1.06	4.04	06	.02	T	T			.07	.33		T		T		14	.02	.02	.35	.18	T

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
HAWAII																																	
• • •																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	77	74	74	70	73	75	75	74	76	75	75	73	71	72	76	71	75	79	78	73	78	76	72	77	72	75	70	75	75	75	80	74.5
	MIN	59	60	59	58	53	57	56	56	58	60	59	60	59	56	55	50	52	53	57	58	57	50	52	53	53	46	49	49	49	43	51	54.4
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	84	84	84	84	85	84	84	85	85	85	85	85	85	86	85	85	84	86	87	87	87	85	84	84	85	84	85	85	85	85	85	84.9
	MIN	77	76	75	76	77	73	77	78	78	77	75	77	77	74	75	72	73	78	79	78	75	74	72	78	74	72	70	69	72	73	78	75.1
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	90	89	89	90	89	90	87	89	88	90	89	89	90	89	90	91	90	90	90	90	89	91	90	89	90	87	88	91	91	88	91	89.5
	MIN	68	68	68	69	67	66	69	69	69	69	70	73	68	72	67	68	72	72	71	72	68	68	71	68	68	69	69	69	70	67	68	69.1
NIU RIDGE 1035	MAX	86	84	82	84	87	84	85	83	85	84	83	82	83	84	89	90	90	83	84	85	88	89	87	88	89	86	87	86	88	84	85	85.6
	MIN	64	64	63	64	65	63	62	62	64	63	62	63	62	63	63	62	63	62	62	62	63	63	65	62	63	63	63	62	65	64	63	63.0
WAIAHI LOWER 1054	MAX	85	83	82	83	85	82	83	82	82	82	81	81	83	80	80	83	85	85	88	85	84	84	83	82	85	84	85	87	85	86	85	83.5
	MIN	69	69	68	64	61	65	65	63	66	66	77	77	67	63	64	64	63	67	69	68	66	60	66	64	63	62	59	59	60	59	60	64.9
• • •																																	
ISLAND OF OAHU																																	
CHURCH COLLEGE CAIE	MAX	87	88	86	86	86	86	86	87	86	85	85	84	85	85	86	86	85	87	87	87	85	85	87	86	87	87	86	86	86	87	86	86.1
	MIN	77	73	72	72	73	70	76	76	75	74	72	74	76	74	74	68	71	74	75	74	74	74	72	72	73	67	73	73	71	73	72	73.0
EWA PLANTATION 741	MAX	89	89			88	88	88	87	88			89	88	88	86	90			91	91	88	88	87			92	86	87	88	90		88.5
	MIN	72	75			69	69	70	69	70			71	72	72	69	67			68	71	70	69	69			66	68	68	66	67		69.4
HONOLULU WSO 703 AP	MAX	89	89	88	88	88	89	88	89	89	89	88	89	88	87	91	91	90	91	90	90	89	89	91	90	90	86	87	86	90	91	89	89.0
	MIN	77	75	74	75	72	72	73	73	75	74	75	76	77	75	72	68	72	75	76	75	74	69	74	77	76	67	68	70	68	74	75	73.3
HONOLULU SUBSTA 704	MAX	84	81	83	80	81	81	81	84	84	84	83	84	83	82	84	85	85	85	85	82	82	82	85	84	83	82	82	82	83	83	82	82.9
	MIN	75	74	77	75	74	73	75	75	75							78	76	76	77	76	75	74	75	77	76	73	73	73	72	75	76	75.0
KANEOHE MAJKA 781	MAX	84	85	83	84	80	83	84	84	84	82	83	80	83		84	85	84	86	85	85	84	83	84	86	86	85	84	85	86	86	87	84.1
	MIN	74	72	73	73	70	61	70	72	73	74	74	74	63		72	71	73	73	74	74	73	70	71	73	74	70	69	69	70	71	73	71.4
LUALUALEI 804	MAX	90	89	88	85	88	89	88	87	86	86	87	89	89	88	88	88	87	88	90	90	90	86	87	90	86	87	88	87	89	88	90	88.0
	MIN	78	75	75	75	68	76	77	71	76	77	75	77	79	76	75	66	68	70	76	74	70	70	69	70	68	65	66	68	66	69	73	72.2
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	79	80	81	80	80	80	82	82	82	82	80.3
	MIN	68	65	63	65	68	66	62	64	65	65	67	64	63	66	64	66	64	66	66	68	66	65	67	66	68	69	63	63	64	65	66	65.4
PRI WAHIAWA 820.2	MAX	87	86			87	86	87	87	86			88	87	86	83	87			90	89	88	87	87			90	90	90	85	90		87.4
	MIN	70	71			67	66	68	66	67			70	71	68	66	63			65	69	66	66	66			62	62	62	62	63		66.2
WAIALEE 896.3	MAX	86	87	85	85	86	86	86	86	86	87	86	82	88	86	87	87	88	89	86	86	86	87	86	89	88	88	87	87	88	90	89	86.8
	MIN	76	73	72	74	74	70	73	73	74	74	72	72	73	72	72	72	71	74	75	73	73	73	73	73	73	68	71	72	68	70	75	72.5
WAIALUA 847	MAX	87	88	87	86	86	86	87	88	87	86	86	86	85	85	84	86	89	93	88	89	87	87	88	90	90	88	85	86	85	89	88	87.2
	MIN	70	73	75	69	68	67	67	67	67	68	68	72	70	69	67	63	64	68	70	68	68	66	67	68	69	68	66	65	64	66	67	67.9
WAIKIKI 717.2	MAX	88	88	87	87	87	88	88	88	87	89	86	87	86	87	87	88	90	89	89	89	88	88	88	89	89	89	87	87	88	88	88	87.9
	MIN	76	74	73	75	70	70	73	73	73	80	74	76	81	74	73	69	80	73	75	74	80	67	72	80	72	66	67	68	66	71	74	73.2
WAIMANALO EXP FARM	MAX	85	87	84	85	85	85	85	85	85	84	84	85	85	86	83	86	87	87	87	86	85	86	85	88	87	86	86	89	88	87	88	85.8
	MIN	73	73	72	72	71	73	74	74	74	74	74	72	73	75	73	72	75	75	75	75	74	74	74	75	75	67	67	66	69	72	74	72.8
• • •																																	
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	84	87	84	92	83	82	75	78	80	86	87	84	85	82	80	86	93	89	85	84	85	86	84	82	91	86	84	83	85	85	86	84.6
	MIN	75	72	74	64	72	69	67	67	72	70	72	72	73	73	69	72	68	72	73	73	72	68	72	69	68	65	69	68	65	70	69	70.1
• • •																																	
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	80	80	78		78	76	80	77	78	77		80	77	80	75	75	83		82	79	78	77	78	80		80	79	79	79	79	79	78.6
	MIN	63	60	61		61	60	63	63	60	62		64	65	65	65	65	63		64	66	68	67	66	65		63	61	62	62	60	65	63.3
• • •																																	
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	69	69	70	71	69	62	65	63	61	74	72	71	72	71	65	62	64	71	67	72	69	67	62	67	70	69	63	60	59	70	72	67.4
	MIN	53	48	54	50	40	41	43	41	45	50	54	57	40	46	43	45	48	50	48	47	45	43	44	51	50	43	40	37	40	49	45	46.1
HALEAKALA SUMMIT 338.4	MAX	56	52			61	57	56	57	57			59	58	62	63	59	62	60	61	62	61	60	59		63	65	63	67	64	59		60.1
	MIN	42	43			42	42	40	40	46			48	45	46	43	45	44	43	42	45	45	41	40		44	42	41	48	48	48		43.7
HANA AIRPORT 355	MAX	87	88	86	86	89	84	85	84	83	84	85	81		84	85	86	85	86	86	80	84	85	84	86	86	86	86	85	86	87	87	85.2
	MIN	72	73	70	70	68	69	69	68	70	68	71	72	71	69	69	70	72	74	73	70	70	70	72	72	67	69	64	66	60	69	72	69.6
KAANAPALI AIRPORT	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	88	87	86	86	85	89	86	84	88	88	87	87	86	86	87	90	89	92	87	87	86	89	93	90	88	88	87	86	86	87	87	87.5
	MIN	72	73	74	73	70	66	73	67	69	70	72	73	74	73	65	67	70	71	72	74	72	71	68	67	71	66	66	67	63	74	73	70.2
KAILUA 446	MAX	79	79			80	78	79	78	78			79	79	79	78	80			82	76	78	80	84			80	81	81	82	80		79.5
	MIN	70	58			67	67	66	67	67			66	69	68	66	69			69	69	68	68	68			64	64	64	62	66		66.9

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX																														
	MIN																														
KULA SANATORIUM 267	MAX	76	77	78	77	76	72	72	73	72	74	76	77	77	75	74	77	76	77	75	76	76	78	73	79	79	75	72	73	75	73	75	75.3
	MIN	59	60	59	58	58	59	60	60	61	61	61	62	62	60	59	60	61	62	61	62	57	58	58	59	59	58	59	61	57	58	60	59.6
LAHAINA 361	MAX	87	89	88	88	89	88	88	87	88	89	89	89	89	87	88	88	91	90	91	87	89	87	88	88	89	87	87	87	87	89	88	88.3
	MIN	71	71	70	69	72	69	70	69	71	70	72	73	70	72	69	71	71	73	74	72	71	71	70	70	69	69	69	70	68	70	70	70.5
WAILUKU 386	MAX	85	86			84	83	84	83	82			84	83	82	80	84			87	81	83	82	84			87	86	85	84	84		83.8
	MIN	74	72			70	72	72	72	71			73	72	72	72	73			72	73	71	71	71			69	69	69	69	69		71.3
* * *																																	
ISLAND OF HAWAII																															
HAINA 214	MAX	85	85	84	82	84	84	84	84	84	84	82	82	84	85	84	85	85	84	85	82	85	83	81	82	83	84	85	84	84	82	80	83.6
	MIN	70	71	70	71	68	68	69	69	70	70	69	71	66	67	69	71	71	70	68	70	67	71	69	69	70	68	67	67	67	70	68	69.1
HAWAII VOLCNS NP HQ 54	MAX	73	78	71	72	70	70	71	67	70	67	72	70	70	69	71	74	73	71	73	71	70	71	72	75	73	73	72	72	72	77	74	71.7
	MIN	57	55	55	54	53	54	54	55	55	55	56	58	55	55	56	59	55	58	59	59	55	57	57	55	54	52	52	53	49	60	58	55.5
HILO WSO 87 AP	MAX	84	83	83	83	84	85	84	84	85	85	83	84	84	84	82	86	84	87	84	83	84	84	87	85	85	84	86	84	85	85	84	84.3
	MIN	72	68	69	69	68	69	69	69	70	70	71	72	69	68	71	70	68	69	71	72	69	70	71	70	71	69	66	66	64	73	69	69.4
KAINALIU 73.2	MAX	80	81	77	78	79	76	78	77	78	75	78	81	80	80	79	81	79	81	83	78	80	77	77	79	78	79	77	75	74	79	79	78.5
	MIN	63	65	66	67	64	63	64	66	64	66	65	65	64	65	64	66	66	66	64	65	63	63	63	63	65	62	63	65	59	63	64	64.2
KAMUELA 192.2	MAX	74	71	73	72	74	75	73	75	73	74	73	72	73	73	75	75	73	72	75	80	75	75	75	72	74	76	76	77	78	77	75	74.4
	MIN	60	58	60	58	59	60	59	60	57	58	58	57	58	60	64	64	58	57	60	64	62	68	64	60	58	63	67	67	64	66	62	61.0
KEAAU 92	MAX	83	81	81	80	81	81	83	82	83	82	82	81	81	82	83	83	85	84	84	82	83	83	83	83	84	84	83	85	83	84	84	82.7
	MIN	68	67	67	66	66	66	66	66	66	62	69	69	68	67	66	69	67	68	69	70	68	67	69	65	68	67	64	64	63	63	69	66.7
KEALAKEKUA 26.2	MAX																																
	MIN																																
KOHALA MISSION 175.1	MAX	83	84	84	82	84	85	83	83	83	79	81	77	80	81	83	84	85	82	83	82	82	83	81	82	84	84	84	86	85	84	80	82.7
	MIN	70	71	71	70	67	69	70	69	68	69	71	71	69	69	68	69	68	68	72	70	69	68	69	72	69	66	66	65	65	70	70	69.0
KONA (KAILUA) 68.3	MAX		85			85	84	83	83	83			86	87	85	85	84			87	86	84		87			85	86	72	82	85		
	MIN		71			71	69	71	71	71			71	70	73	69	73			72	71	72		72			71	69	71	67	69		
KULANI CAMP 79	MAX	68	62	66	65	67	62	65	61	64	64	65	67	72	64	63	67	68	71	68	68	66	68	72	72	71	67	68	71	66	72	81	67.5
	MIN	53	50	51	46	48	51	49	50	50	49	50	52	52	54	49	46	44	52	52	54	51	52	47	49	51	55	44	46	42	53	49	49.7
MAUNA LOA SLOPE OBS	MAX	53	53	53	56	54	53	54	53	60	58	58	56	56	55	52	56	56	53	60	57	55	53	54	55	56	56	57	58	58	55	55	55.4
	MIN	36	37	38	40	40	37	38	41	42	41	43	41	39	42	40	38	38	38	35	37	40	37	35	36	33	38	39	39	41	40	40	38.7
MOUNTAIN VIEW 91	MAX	81	78	77	77	77	72	78	75	80	77	77	77	78	77	78	79	82	82	82	74	78	79	77	82	82	82	81	81	80	83	81	78.8
	MIN	65	64	62	62	62	62	62	62	63	65	65	65	64	62	62	63	63	63	63	67	63	66	65	61	61	61	59	59	59	58	61	62.5
NAALEHU 14	MAX	83	83			83	79	81	81	81			82	81	80	82	84			83	79	81	83	82			83	82	81	80	83		81.7
	MIN	70	71			65	64	66	68	69			69	70	67	66	70			70	70	69	69	68			66	66	66	63	63		67.5
OOKALA 223	MAX	85	83	81	84	84	83	83	81	84	85	84	78	82	82	82	81	82	83	82	80	81	82	79	82	83	83	84	83	83	82	82	82.4
	MIN	69	69	74	69	68	68	68	70	69	68	71	62	66	69	72		74	65	67	70	71	69	70	68	71	69	68	69	68	69	66	68.9
OPIHIHALE 2 24.1	MAX	85	77	78	80	77	76	78	77	78	80	84	83	80	80	80	84	84	85	82	81	82	84	82	82	83	82	76	76	81	85	85	80.9
	MIN	64	66	66	64	63	64	64	65	66	63	64	67	65	61	63	65	63	64	68	64	63	64	64	63	63	63	65	61	60	61	63	63.8
PAHALA 21	MAX	84	86			86	81	81	80	81	85	81	82	85	81	83	85			86	76	83	86	84			84	83	81	80	85	87	83.0
	MIN	67	66			64	65	63	65	66	65	67	70	67	64	64	65			65	65	65	66	65			63	62	62	61	62	69	64.9
PUAKO 95.1	MAX	88	87	85	88	87	86	86	84	85	84	87	88	89	86	86	85	85	87	86	83	87	86	87	86	87	86	86	85	85	84	86	86.0
	MIN	74	77	75	73	72	73	74	71	71	74	69	76	75	75	69	75	71	71	74	71	75	69	70	73	73	67	70	65	67	74	74	72.2
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	AVERAGE
PACIFIC																																	
. . .																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	86	86	85	85	86	89	87	90	86	88	88	88	86	87	86	86	89	86	86	86	88	89	89	90	89	89	88	88	87	87	87	87.3
	MIN	73	78	78	78	77	77	77	77	78	78	77	78	77	75	79	78	78	77	77	78	78	75	75	76	75	78	77	76	77	78	77	77.0
JOHNSTON WSO AP	MAX	84	85	84	85	84	84	85	84	84	84	83	84	83	85	84	85	82	84	84	83	84	85	85	85	84	84	85	84	86	85	85	84.3
	MIN	79	79	74	79	79	78	78	76	78	73	79	74	79	78	76	74	76	79	76	80	79	78	75	77	79	78	78	77	77	75	75	77.2
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX						88		88	90	82	87	86	86		87		87	86	87	87	87	88	84					87	88	87	
	MIN						63		79	79	76	78	80	78		76		76	79	75	75	75	78	73					77	80	80	
MIDWAY SAND ISLAND	MAX	84	84	83	85	85	82	86	85	85	85	85	85	84	85	85	86	86	87	87	83	85	87	84	84	84	85	84	84	86	81	85	84.7
	MIN	72	75	73	73	73	71	72	75	74	75	75	74	76	77	70	74	76	78	74	71	72	73	72	74	73	73	71	73	74	72	76	73.6
PAGO PAGO WSO AP	MAX	84	84	85	85	85	83	85	84	85	85	82	85	84	86	87	84	86	87	85	85	84	85	86	84	85	84	84	84	84	85	85	84.7
	MIN	68	75	76	65	76	75	76	74	77	69	66	66	67	69	68	70	77	76	76	75	77	77	73	71	70	68	67	67	68	67	69	71.5
SWAINS ISLAND	MAX																																
	MIN																																
. . .																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	86	86	87	84	85	86	87	86	85	87	82	82	83	83	84	80	84	84	82	84	83	84	83	83	84	78	79	80	85	84	85	83.7
	MIN	80	79	80	78	78	79	79	78	78	78	78	78	75	75	76	76	75	76	78	76	75	76	75	77	75	75	75	74	76	76	74	76.7
CLARK AFB LUZON	MAX	91	91	93	91	91	84	88	84	90	88	84	90	90	82	82	79	77	82	84	90	90	93	90	90	93	90	90	93	81	88	93	87.8
	MIN	79	81	79	77	75	81	77	75	77	75	75	79	77	77	77	75	75	75	77	79	79	79	79	77	75	79	75	75	75	75	75	76.9
GUAM NAS	MAX																																
	MIN																																
GUAM WSO	MAX	88	88	87	85	87	85	88	87	86	87	82	81	82	82	85	81	87	86	85	87	85	86	86	87	86	80	81	85	88	87	85	85.2
	MIN	72	72	74	73	71	72	74	71	73	72	72	67	72	73	74	73	74	74	73	73	71	72	72	71	70	75	73	75	73	72	73	72.5
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	87	88	87	87	87	88	87	87	87	86	88	89	86	88	83	88	88	88	88	88	90	81	88	87	87	87	89	87	91	90	89	87.5
	MIN	76	76	74	75	74	73	76	72	75	76	75	73	73	76	74	77	77	75	78	76	75	75	71	74	76	76	76	75	77	78	78	75.2
. . .																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX	81	81	84	86	82	80	85	81	87	86	86	86	81	79	80	79	86	88	79	78	78	88	80	80	86	84	86	84	84	84	81	82.9
	MIN	77	79	79	77	80	76	75	79	72	75	77	75	73	75	75	74	77	77	75	68	69	77	75	79	76	76	74	76	77	71	76	75.5
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	89	88	82	85	83	90	88	88	83	84	84	86	86	87	88	89	88	90	88	89	88	90	90	90	89	89	90	86	88	90	90	87.6
	MIN	76	78	73	74	76	76	75	76	74	75	75	81	79	81	80	80	81	80	78	73	73	75	77	76	76	76	76	77	75	75	78	76.6
KWAJALEIN WSO AP	MAX	85	85	88	85	82	87	84	86	86	88	86	84	87	86	87	84	85	87	88	87	87	88	83	87	86	87	87	87	86	87	87	86.1
	MIN	77	75	78	73	75	78	76	78	77	74	77	76	80	79	79	75	76	74	79	80	79	75	73	74	76	79	77	79	79	80	79	76.8
LELE I. KUSAIE	MAX	88	89	87	87	87	87	88	87	86	88	88	88	89	86	86	86	86	89	90	90	91	85	86	90	91	90	89	88	88	87	87	87.9
	MIN	74	75	73	73	74	75	76	73	73	74	74	74	75	73	73	74	72	74	74	74	75	73	73	74	75	75	75	76	75	76	73	74.1
MAJURO WSO AP	MAX	86	84	86	83	84	86	83	85	86	81	85	83	86	86	86	84	87	84	86	86	86	82	85	87	86	86	86	86	86	87	84	85.1
	MIN	76	75	75	75	77	79	76	77	77	74	75	77	78	79	79	75	74	72	79	80	80	76	75	78	75	80	79	77	79	79	73	76.8
METALANIM	MAX	84	85	89	88	90	87	86	87	87	89	92	87	87	89	90	90	88	84	87	88	89	87	88	85	87	89	88	86	88	89	88	87.7
	MIN	71	71	72	72	73	73	74	73	74	74	74	72	72	72	73	73	74	72	73	72	70	72	75	70	72	72	73	72	72	71	71	72.4
PONAPE WSO	MAX	91	86	89	87	89	88	89	86	85	88	88	88	86	90	91	90	85	88	90	90	91	91	89	88	89	89	89	90	90	87	89	88.6
	MIN	75	73	72	73	73	74	72	72	73	74	73	71	74	77	75	75	73	72	73	71	68	71	72	71	71	72	72	71	71	70	70	72.4
TRUK, MOEN I. WSO AP	MAX	87	84	80	87	88	88	88	85	87	86	83	88	89	89	88	90	87	86	89	88	89	88	89	89	90	89	89	89	86	89	87	87.5
	MIN	75	75	73	75	74	77	76	77	76	75	72	75	78	76	76	76	77	73	74	75	75	75	75	74	75	75	74	74	74	74	74	75.0
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	88	87	86	88	86	88	88	88	87	81	84	83	85	87	87	89	89	89	88	86	87	88	88	87	87	88	88	87	88	85	85	86.8
	MIN	77	75	76	75	78	78	78	75	75	72	72	70	78	80	79	78	80	80	78	74	76	75	74	73	74	73	77	76	75	73	73	75.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.34	.31	.32	.30	.39	.40	.37	.34	.38	.42	.16	.45	.27	.35	.29	.36	.24	.33	.32	.41	.33	.41	.27	.30	.42	.23	.25	.32	.21	.37	.38	10.24
	WIND	170	194	209	204	176	167	178	178	186	173	183	219	209	163	156	116	92	106	142	167	177	155	127	118	138	72	83	76	62	96	155	4645
	MAX	87	90	88	87	87	89	88	88	89	89	88	89	88	88	88	90	90	90	92	89	89	88	88	88	88	88	93	91	91	91	89	89.0
	MIN	69	68	68	67	67	67	68	67	67	68	68	68	68	67	67	66	66	67	71	70	68	66	67	68	68	68	64	64	63	66	66	67.2
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.37	.45	.29	.33	.31	.32	.34	.25	.21	.28	.30	.27	.31	.27	.19	.21	.28	.26	.23	.27	.30	.24	.26	.26	.23	.22	.28	.30	.28	.30	.23	8.64
	WIND	47	54	44	43	41	33	39	30	32	39	##	45	##	35	26	20	28	34	25	26	31	32	24	30	30	22	25	29	24	29	37	1042
	MAX	94	95	90	91	85	94	92	86	85	83	84	88	88	85	83	89	92	92	90	93	90	92	90	95	96	89	95	96	95	94	93	90.5
	MIN	69	68	68	67	66	63	67	67	67	67	67	69	69	68	66	65	66	70	71	70	67	67	69	69	68	67	68	68	67	67	68	67.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.34	.52	.36	.40	.40	.37	.41	.33	.37	.32	.27	.31	.29	.39	.41	.41	.22	.32	.32	.43	.40	.39	-	.32	.38	.38	.36	.29	.27	.39	.36	11.098
	WIND	256	293	255	247	233	157	156	139	152	194	262	245	279	244	230	209	228	195	202	275	269	160	133	160	184	213	198	97	62	172	199	6298
	MAX	90	89	89	90	89	95	93	93	95	88	90	90	91	93	91	92	93	90	92	88	90	96	96	94	93	92	95	98	98	95	92	92.3
	MIN	74	75	74	74	74	72	73	73	74	75	75	74	76	74	74	74	74	75	75	75	75	74	74	73	75	74	76	75	75	74	73	74.3
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.26	.22	.18	.15	.10	.12	.08	.12	.08	.22	.11	.13	.07	.23	.34	.26	.11	.28	.13	.18	.35	.13	.14	.12	.15	.14	.17	.06	.13	.15	.18	5.09
	WIND		43	54	42	10	15	31	13	28	38	98	263	221	139	71	45	59	49	45	26	32	20	21	31	22	84	156	46	54	26	59	1902B
	MAX	95	95	95	88	88	87	90	92	91	97	92	80	80	81	83	82	90	94	89	92	90	92	93	91	94	90	80	83	93	94	95	89.5
	MIN	74	74	75	74	73	73	74	74	75	75	75	73	73	72	73	73	74	74	74	73	73	73	74	72	72	75	73	74	73	74	73	73.6

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
	2161						-		7A			
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEʻAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			LIHUE PLANTATION CO.
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
	8205						-		8A			
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1055 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
		2842						-					
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5	3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI												
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343 A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396	8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352 A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2	8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3 A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333 A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301 A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250	8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364 A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484 A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482 A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449 A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336 A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390 A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348 A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386 A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256 A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII												
AHUA UMI 75 A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1 A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4	0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2 A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214	0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142	0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52 A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117 A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111 A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54	1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168 A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70 A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68 A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1 A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71 A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72 A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1 A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12 A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29 A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5 A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36 A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5 A	3369	02	PUNA	2	19 30	154 52	290		VAR			BOARD OF WATER SUPPLY
KAWAINUI LOWER 193 A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450	8A	8A		C	MISS AMY GREENWELL
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2 A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6 A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2 A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAGNETIC 176 A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196 A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3 A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HLE 199	4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		8A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		8A			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11146	MID	MID			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

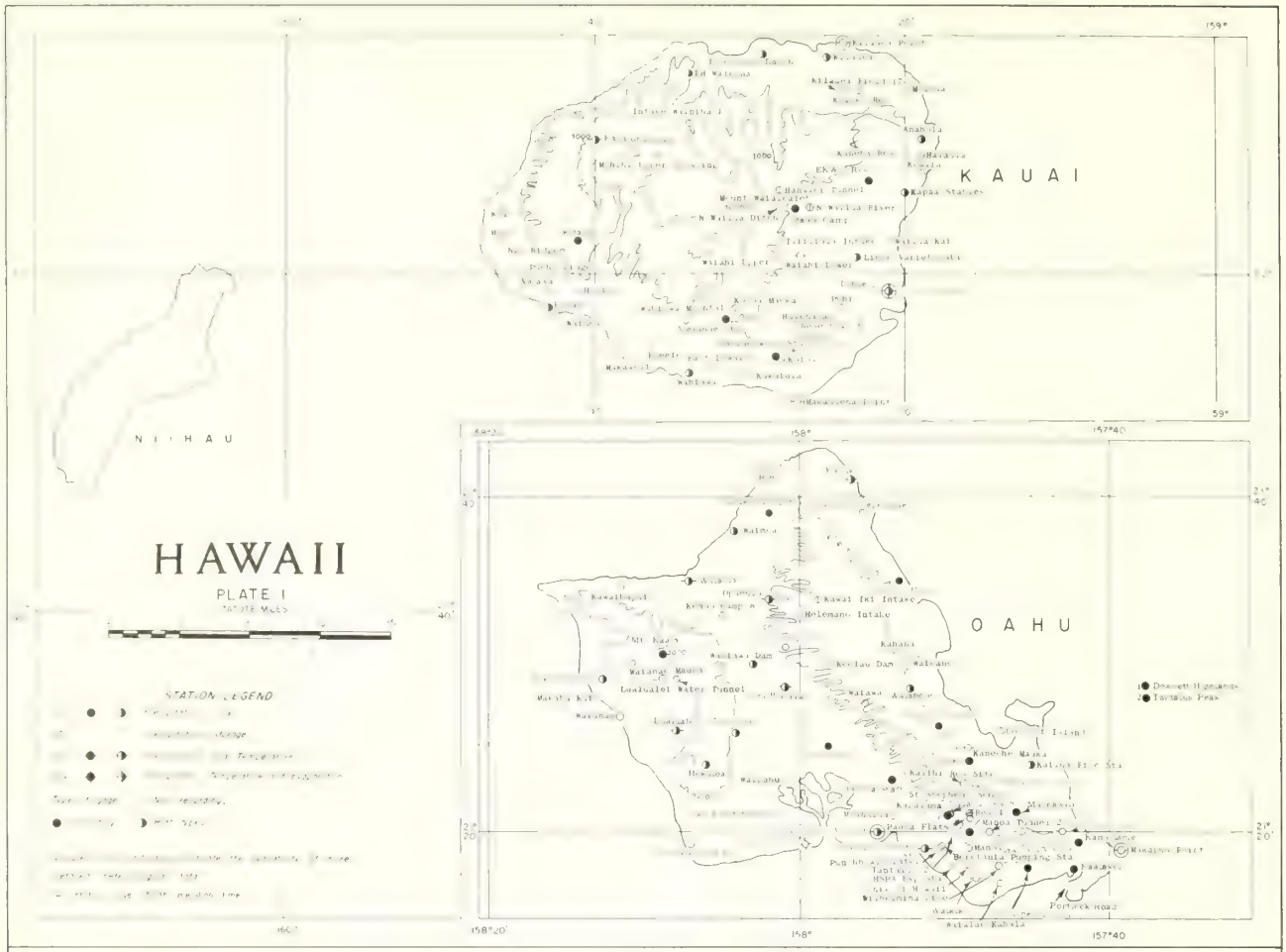
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

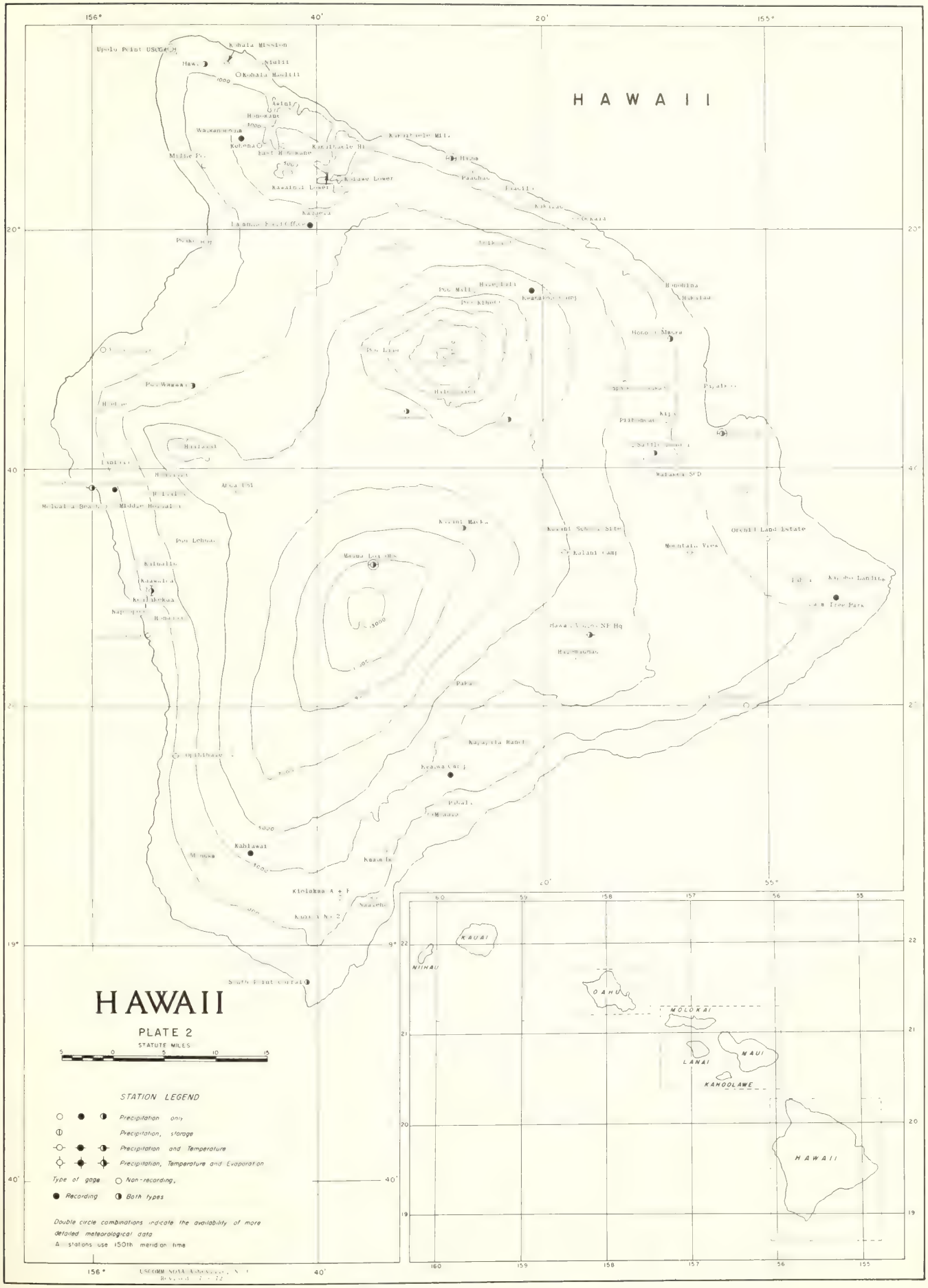
Subscription Price: $2.50 a year for each section including annual summary; $1.00 additional for foreign mailing; 20¢ single copy; 20¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

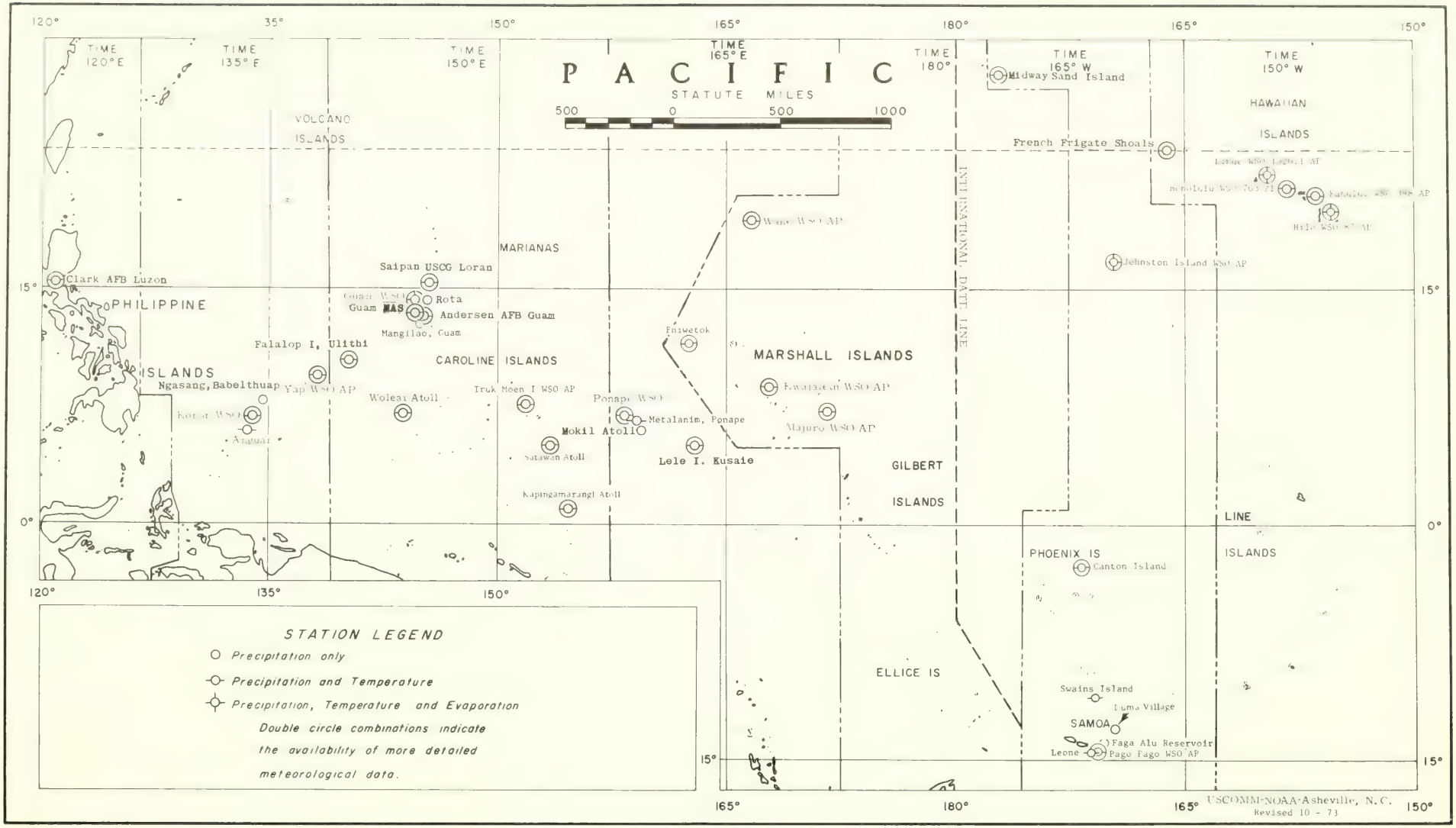
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

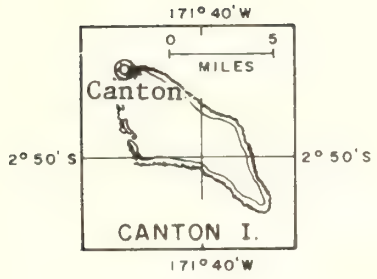
William H. Haggard
Director, National Climatic Center

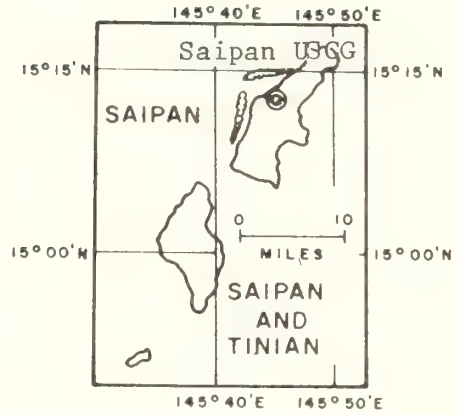
USCOMM-NOAA-ASHEVILLE, N.C. 12/03/74-1100

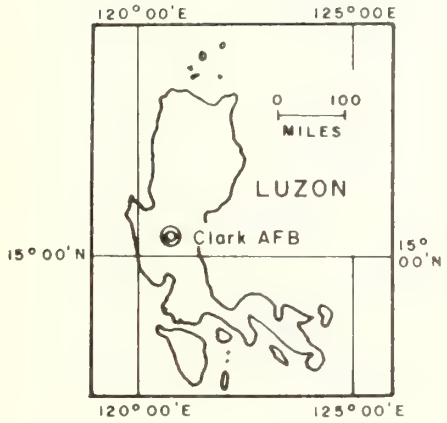

HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
NIIHAU
KAUAI
OAHU
Kawaihapai
Kawaihapai Intake
Kekaha
Kekaha Ditch
Waimea
Waimea Canyon
Kokee Camp
Kokee Park
Kokee Lodge
Kokee Museum
Kokee Park Trail
Kokee Park Lodge
Kokee Museum
Waialae Iki
Waialae Nui
Waialae Kai
Waialae Kahala
Kahala
Kahala Ave
Kahala Mall
Kahala Beach
Kahala Beach Park
Kahala Beach Park
Kahala Beach Park

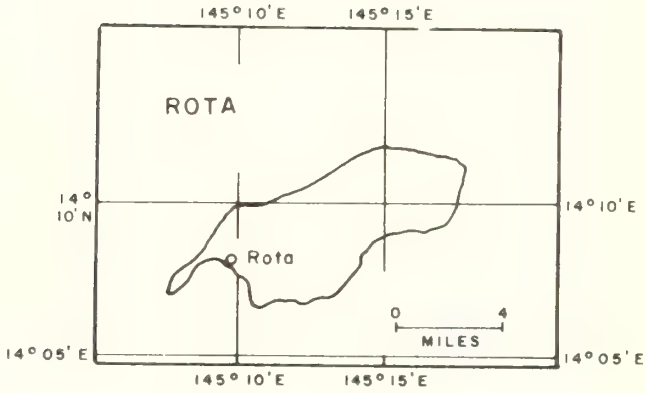

HAWAII
HAWAII
PLATE 2
STATUTE MILES
5 0 5 10 15
STATION LEGEND
Precipitation only
Precipitation, storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage ○ Non-recording,
● Recording ◑ Both types
Double circle combinations indicate the availability of more detailed meteorological data
Δ stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

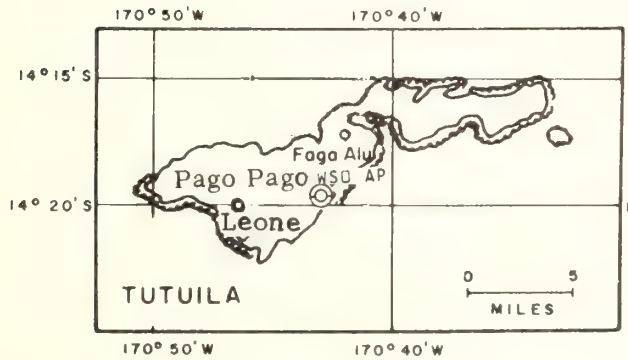

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Guam WSO
Guam MAS
Rota
Andersen AFB Guam
Mangilao, Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO AP
Koror WSO
Angaur
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Eniwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
ELLICE IS
Wake WSO AP
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Lihue WSO
Honolulu WSO
Kahului WSO AP
Hilo WSO AP
Johnston Island WSO AP
LINE ISLANDS
PHOENIX IS
Canton Island
Swains Island
Fiumu Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120° 135° 150° 165° 180° 165° 150°
15° 0°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

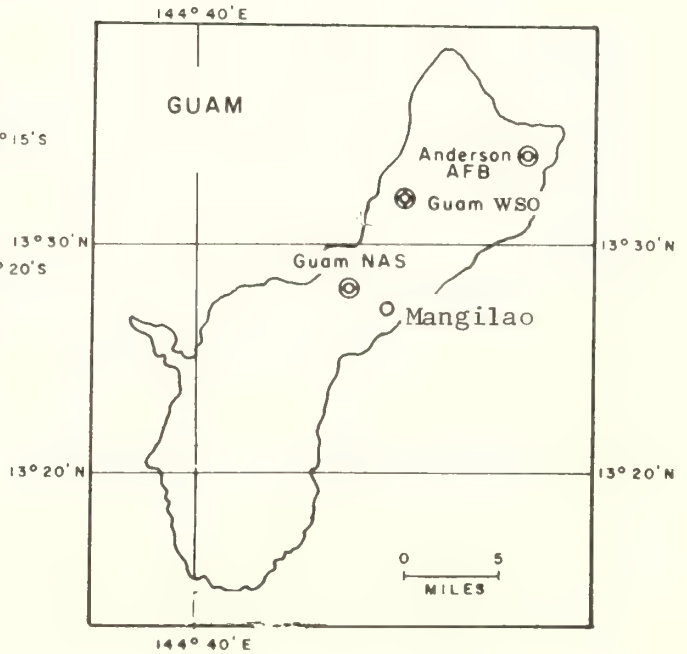

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

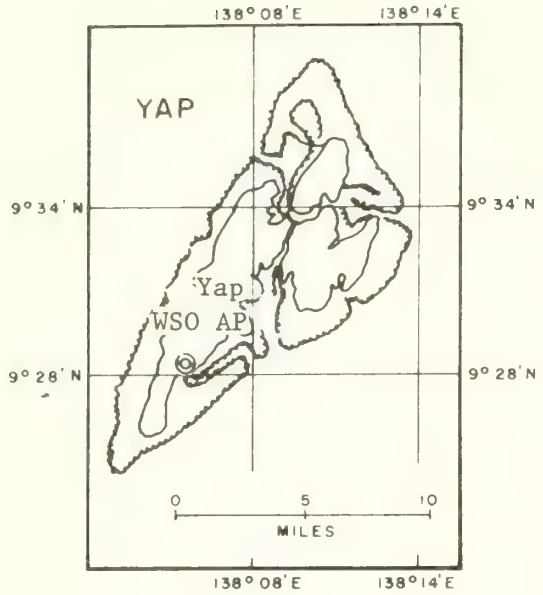

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

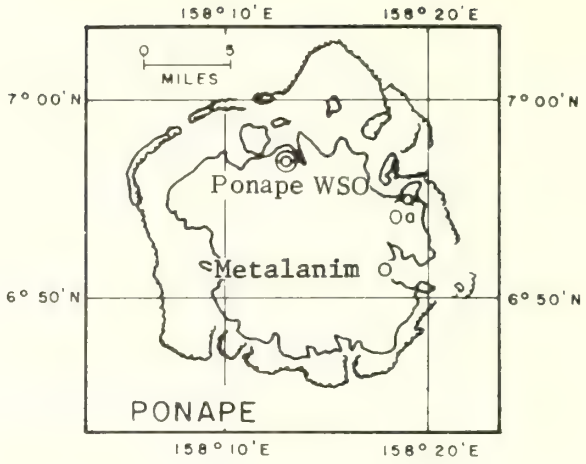

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

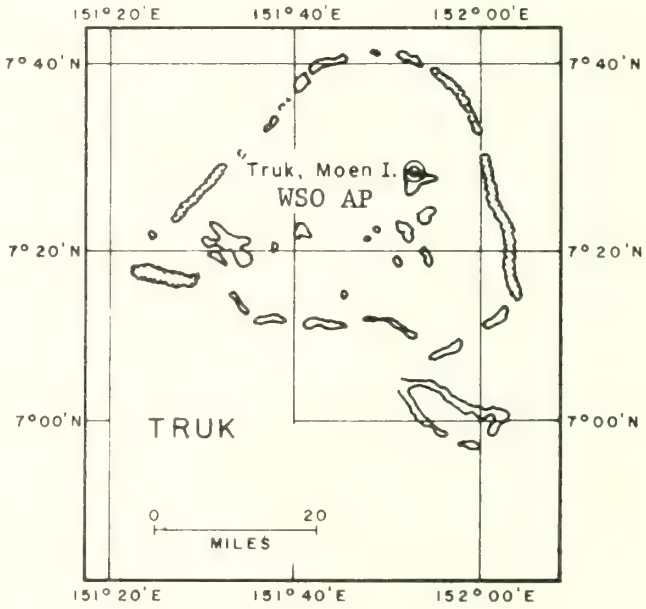

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

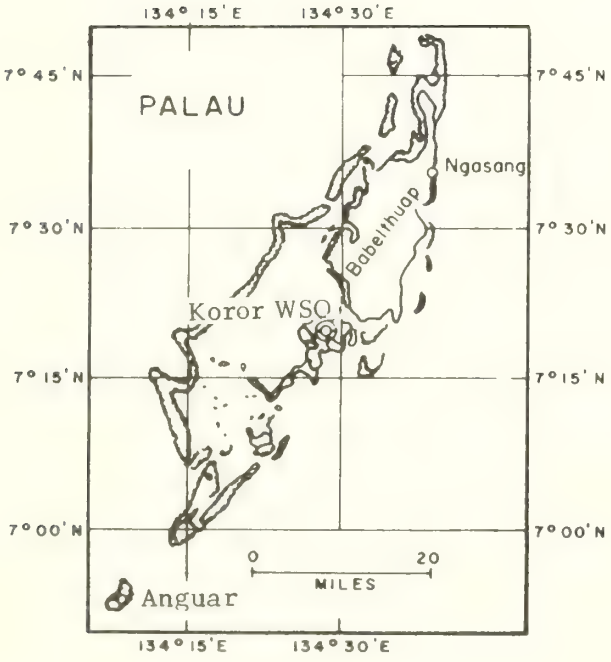

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

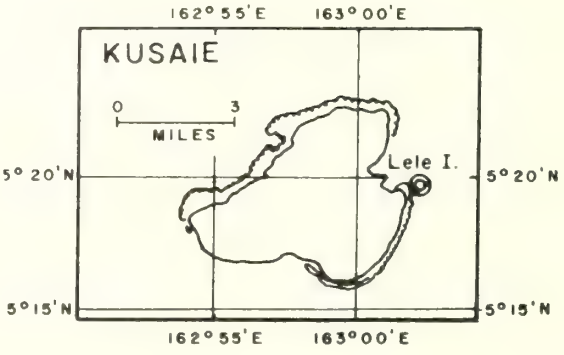
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
Yap
WSO AP
0
5
10
MILES

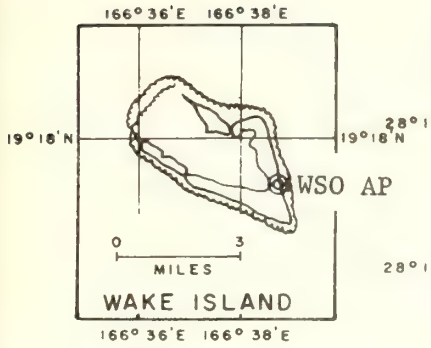

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Metalanim
PONAPE

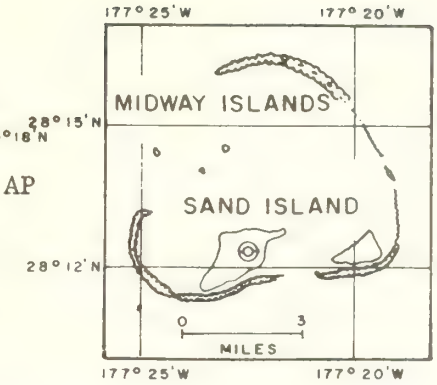

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

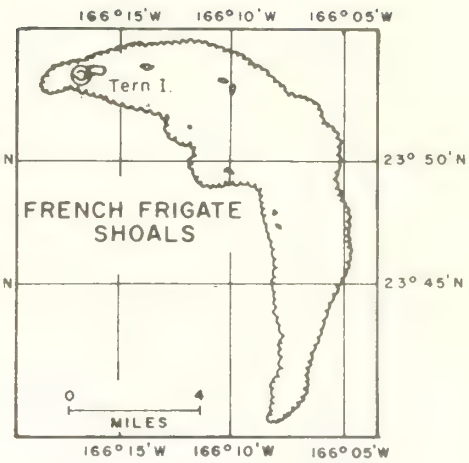

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

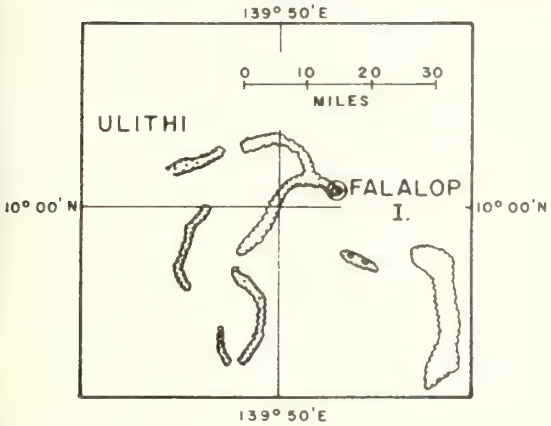

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

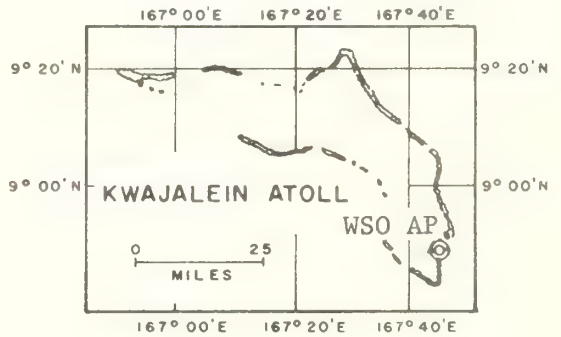
— Reef

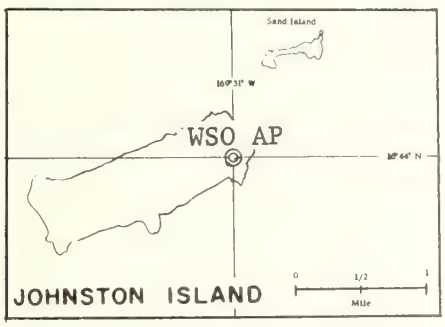

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

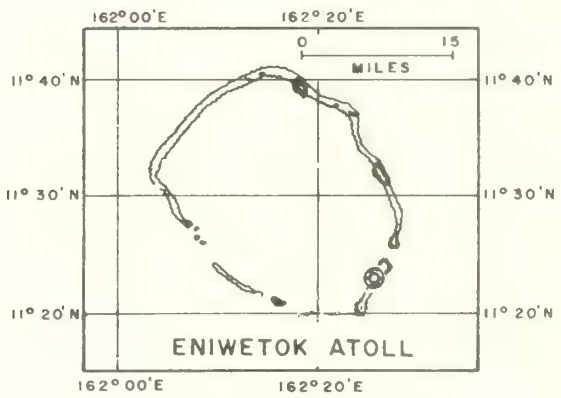

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

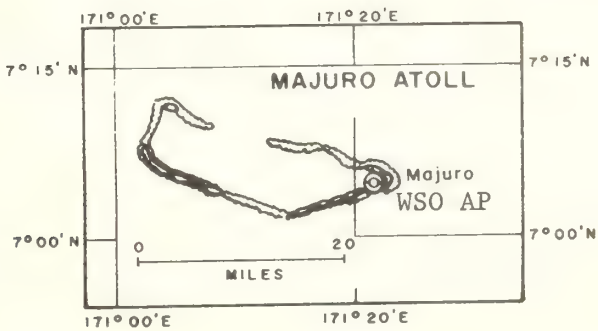

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0 1/2 1
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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FIRST CLASS



September 1974 Volume 70 Number 9

Climatological Data

HAWAII AND PACIFIC

Temperature and Precipitation Extremes

AWAIIAN STATIONS ONLY

IGHEST TEMPERATURE 2 STATIONS	93	DATE	30+
OWEST TEMPERATURE MAUNA LOA SLOPE OBS, HAWAII	32	DATE	9
REATEST TOTAL PRECIPITATION MOUNT WAIALEALE, KAUAI	24.05		
EAST TOTAL PRECIPITATION LAHAINA, MAUI	.03		
REATEST ONE DAY PRECIPITATION KAINALIU, HAWAII	5.00	DATE	5

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SUPPLEMENTAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1974

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT (STANDARD OF TIME GREENWICH CIVIL)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	17	E	05	-	77	79	95	1	13	4	2	2	1	23	63	-
HILO, HAWAII, WSO AP	14	2.9	6.4	17	E	29+	81	73	63	81	3	9	4	0	0	0	16	57	6.2
HONOLULU, OAHU, WSO AP	7	4.6	8.3	21	E	08	78	68	56	72	6	5	4	2	0	0	17	67	5.4
JOHNSTON ISLAND WSO AP	9	12.7	13.3	34	SE	17	79	78	72	76	5	7	4	2	0	0	18	66	6.8
KAHULUI, MAUI, WSO AP	6	7.7	10.0	30	NE	24	81	69	54	69	0	0	1	0	0	0	1	83	3.7
KOROR WSO AP	11	1.1	4.4	18	SE	18	90	-	76	73	1	8	2	8	1	3	23	62	8.1
KWAJALEIN WSO AP	12	3.3	7.8	21++	9	25+	81	82	76	78	2	9	9	2	5	0	27	-	8.5
LIHUE, KAUAI, WSO AP	6	4.2	8.8	16	NE	23	79	73	65	75	7	6	2	0	2	0	17	71	4.9
MAJURO WSO AP	11	3.6	5.9	21	E	27	81	84	74	76	4	7	7	3	4	0	25	56	8.3
PAGO PAGO WSO AP	9	11.8	12.6	33	NE	08	81	79	67	77	9	9	4	0	0	0	22	82	5.2
PONAPE WSO AP	-	-	-	15	SE	23	93	-	75	78	2	7	7	6	2	0	24	53	8.6
TRUK,MOEN I, WSO AP	15	1.5	6.2	21	SW	29	89	-	76	74	3	5	3	4	4	2	21	34	9.2
WAKE WSO AP	9	9.6	11.6	26	SE	29+	83	86	72	76	1	9	13	2	0	0	25	40	7.6
YAP WSO AP	34	0.3	4.3	18	NE	25	91	-	77	74	1	6	8	7	1	0	23	67	7.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
SEPTEMBER 1974

STATION		TEMPERATURE											PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																							
ISLAND OF KAUAI																							
ANAHOLA 1114	A														6.43		3.00	19	.0	0			3	2
KANALOHULUHULU 1075		73.3	51.9	62.6		76	23+	48	15		0	0	0	0	8.32		1.84	19	.0	0		9	7	5
KAPAA STABLES 1104	A														5.76		2.83	19	.0	0			2	2
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 936	A														3.21		1.25	20	.0	0			2	1
LIHUE WSO 1020.1 AP	//R	85.5	74.3	79.9	1.1	88	18	71	20+		0	0	0	0	3.73	1.88	1.64	19	.0	0		4	2	2
MANA 1026		88.6	68.7	78.7	.8	90	29+	63	20		8	0	0	0	3.76	2.74	.80	6	.0	0		10	2	0
N WAILUA DITCH 1051	A														17.66				.0	0				
PH WAINIHA 1115															4.55	- .62	1.26	19	.0	0				2
PUEHU RIDGE 1040															9.13	7.32	1.77	5	.0	0		11	7	3
WAHIAWA 930	A														1.02	- .74	.54	10	.0	0			1	0
WAIAHI LOWER 1054		84.9	63.2	74.1		87	30+	60	16+		0	0	0	0	9.66	2.27	2.18	20	.0	0		11	6	3
WAIMEA 947															1.75	1.09	.93	5	.0	0		3	2	0
ISLAND				73.8											6.25				.0					
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		87.1M	72.3M	79.7M		88	26+	68	18+		0	0	0	0	1.75		1.10	19	.0	0		3	1	1
HONOLULU OBSERV 702.2															1.47		.81	19	.0	0		5	1	0
HONOLULU WSO 703 AP	R	88.5	71.4	80.0	.4	92	23+	69	23+		12	0	0	0	2.08	1.41	.75	2	.0	0		6	2	0
KANEOHE MAUKA 781		85.4	71.5	78.5	1.7	87	23+	68	3		0	0	0	0	8.13	4.62	1.95	4	.0	0		13	5	3
KOOLAU DAM 833	A														12.34		3.55	20	.0	0		14	5	3
LUALUALEI 804	A		M		M						0	0	0	0	3.73				.0	0				
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															8.06		2.62	18	.0	0		12	5	2
OPAEULA 870	A	83.3	66.8	75.1	1.8	89	23+	62	11		0	0	0	0	2.84		1.00	6	.0	0			2	1
PALOLO VALLEY 718	R														4.08	- 3.39	.78	9	.0	0		10	2	0
PRI WAHIAWA 820.2	A		M	M	M							0	0	0	10.90				.0	0				
WAHIAWA DAM 863	A														7.23		2.22	6	.0	0				
WAIAHOLE 837	A														9.09		1.63	5	.0	0				
WAIALEE 896.3		88.7	72.3	80.5		91	23+	70	19+		7	0	0	0	1.11		.58	11	.0	0		4	1	0
WAIALUA 847	A	88.4	67.5	78.0	1.7	92	7	66	26+		6	0	0	0	1.52	.85	.53	10	.0	0		5	1	0
WAIKIKI 717.2		88.1	68.8	78.5		90	24	67	23+		1	0	0	0	.53		.19	10	.0	0		3	0	0
WAIMANALO EXP FARM		87.4	71.1	79.3		91	5	67	18+		1	0	0	0	1.79		.87	19	.0	0		3	1	0
WAIPAHU 750	A														4.48				.0	0				0
ISLAND				78.7											4.77				.0					
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														1.00		.39	4	.0	0		4	0	0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														3.94		1.72	5	.0	0			3	2
MOLOKAI AP 524		86.1	69.4	77.8		93	23	64	30		2	0	0	0	.96		.30	5	.0	0		4	0	0
ISLAND				77.8											1.97				.0					
ISLAND OF LANAI																								
LANAI CITY 672	A	80.0M	63.0M	71.5M	.3	85	10	59	30+		0	0	0	0	8.71	6.49	3.27	19	.0	0			4	2
ISLAND				71.5											8.71				.0					
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														1.27		1.20	4	.0	0		1	1	1
HALEAKALA RS 338		65.3	46.1	55.7	.3	72	30	40	27		0	0	0	0	1.68	.14	.60	18	.0	0		5	1	0
HANA AIRPORT 355																			.0	0				
HONOKOHUA 493	A														.45		.15	18	.0	0		3	0	0
KAANAPALI AIRPORT																			.0	0				
KAHULUI WSO 398 AP	R	88.0	67.4	77.7	- .7	90	30+	63	29		4	0	0	0	.12	- .15	.12	3	.0	0		1	0	0
KAILUA 446		M	M	M		83	24+	63	4		0	0	0	0	1.26	- 5.72			.0	0			0	0
KEANAE 346	A														1.20				.0	0				
KIPAHULU 258															2.47	- 3.56	.83	3	.0	0		6	2	0
KULA SANATORIUM 267		74.9	59.7	67.3	1.2	78	24+	57	20		0	0	0	0	4.82	2.89	1.68	5	.0	0		6	3	3
LAHAINA 361		88.8	70.2	79.5	1.8	93	30	68	18		4	0	0	0	.03	- .22	.02	5	.0	0		[illegible]	0	0
PAIA 406															.06	- .79	.05	[illegible]	.0	0		0	0	0
WAILUKU 386	A	M	M	M		88	30	69	23		0	0	0	0	.50	.01	.48	4	.0	0		1	0	0
ISLAND				70.1											1.26				.0					
ISLAND OF HAWAII																								
HAINA 214		84.9	68.3	76.6	1.5	87	19	66	22+		0	0	0	0	.38	- 1.75	.16	24	.0	0		2	0	0
HAWAII VOLCNS NP HQ 54		72.3M	53.8M	63.1M	.1	76	23+	48	9		0	0	0	0	2.77	- 1.81	1.10	23	.0	0			2	1
HILO WSO 87 AP	R	86.5	68.0	77.3	1.7	89	29+	65	3		0	0	0	0	1.59	- 5.85	.39	8	.0	0		[illegible]	0	0
HUEHUE 92.1	A														14.61				.0	0				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE													PRECIPITATION								
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																								
KAINALIU 73.2		79.2	63.9	71.6		82	3+	62	16		0	0	0	0	15.38	8.13	5.00	5	.0	0				
KEAAU 92		84.4	66.0	75.2		88	19	64	21+		0	0	0	0	3.34		1.21	8	.0	0		9	1	1
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	8.84				.0	0				
KUKUIHAELE HIC 199															.94	- 1.79	.45	24	.0	0		3	0	0
KULANI CAMP 79		67.3	47.4	57.4		72	23	42	4		0	0	0	0	1.24		.20	4	.0	0		4	0	0
PAHALA 21	A	83.0M	63.9M	73.5M	- .1	88	3	61	29		0	0	0	0	.80		.19	23	.0	0		5	0	0
POHAKULOA 107	A														1.68		.90	6	.0	0		2	2	0
PUAKO 95.1	A	85.3	70.1	77.7		88	24	66	17		0	0	0	0	.80		.39	17	.0	0		3	0	0
PUU WAAWAA 94.1	A														6.57				.0	0				
UMIKOA 118															.97	- .99			.0	0				0
WAIAKEA SCD 88.2															1.37		.32	8	.0	0		5	0	0
ISLAND				71.6											4.09				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE												PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
■ ■ ■ EAST OF 180TH MERIDIAN																							
CANTON ISLAND		88.8	76.3	82.6		93	30	73	14		8	0	0	0	1.39		.67	14	.0	0		3	2	0
FAGA ALU RESERVOIR															2.00		.30	28+	.0	0		11	0	0
JOHNSTON WSO AP	R	84.9	77.3	81.1		86	26+	72	17		0	0	0	0	2.38		.61	17	.0	0		6	2	0
LEONE															2.92		.74	9	.0	0		9	1	0
FRENCH FRIGATE SHOALS																			.0	0				
LUMA VILLAGE															2.31		1.08	9	.0	0			1	1
MIDWAY SAND ISLAND		83.8	73.3	78.6	- .1	87	1	69	28		0	0	0	0	4.01	.15	1.83	4	.0	0		5	3	1
PAGO PAGO WSO AP	R	85.6	75.3	80.5	1.5	87	30+	68	14		0	0	0	0	.99	- 5.09	.36	9	.0	0		4	0	0
SWAINS ISLAND																			.0	0				
■ ■ ■ WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		83.8	76.1	80.0	.2	86	27+	72	21		0	0	0	0	3.95	- 9.61	1.37	20	.0	0		8	3	1
CLARK AFB LUZON		91.2	77.0	84.1	4.3	95	3	73	14+		28	0	0	0	5.70	- 8.14	1.45	14	.0	0		12	4	1
GUAM NAS																			.0	0				
GUAM WSO	R	87.0	71.1	79.1	.0	90	22	68	16		1	0	0	0	9.96	- 4.12	4.25	20	.0	0		9	5	3
MANGILAO															11.46		4.76	21	.0	0		14	5	4
ROTA																			.0	0				
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	86.7	74.1	80.4	- 2.2	90	14+	70	23+		4	0	0	0	4.94	- .75	.93	30	.0	0		15	2	0
■ ■ ■ CAROLINE AND MARSHALL ISLANDS																								
ANGUAR															6.38	- 4.39	1.15	11	.0	0		11	6	2
ENIWETOK																			.0	0				
FALALOP I. ULITHI																			.0	0				
KAPINGAMARANGI ATOLL																			.0	0				
KOROR WSO	R	89.1	75.5	82.3	.7	91	29+	73	18+		14	0	0	0	14.80	1.81	3.35	15	.0	0		14	12	4
KWAJALEIN WSO AP	R	86.6	76.8	81.7	- .8	89	17	73	27+		0	0	0	0	10.28	- .59	1.52	19	.0	0		16	7	5
LELE I. KUSAIE		88.5	74.3	81.4	.1	91	12+	72	13+		10	0	0	0	15.14	.22	2.35	26	.0	0		17	15	5
MAJURO WSO AP	R	85.4	76.4	80.9	- .5	87	24+	73	13+		0	0	0	0	10.44	3.95	1.91	3	.0	0		14	7	4
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG,BABELTHUAP															4.82		2.39	17	.0	0				
PONAPE WSO	R	87.9	72.4	80.2	- .4	91	23+	70	30+		10	0	0	0	8.84	- 7.92	1.69	12	.0	0		15	8	2
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	88.1	74.9	81.5	.5	90	22+	73	29+		7	0	0	0	14.33	1.26	2.28	28	.0	0		13	10	6
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	87.4	73.8	80.6	- .7	89	26+	69	4		0	0	0	0	9.48	- 3.61	1.97	24	.0	0		16	4	1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
x x x																																	
ISLAND OF KAUAI																																	
HANAPEPE 1114	A	6.43	x	x	.02	.05		.15	x	x	.02	.50				x	x	.09			3.00	2.00	x	x	.15	.20		.03	.02	x	x	.20	
HANAPEPE WOOD STA 385	A	3.92	x	x	.01		.71	.18	x	x	.03	1.40	.02		.02		.25				.30	.26	x	x	.70	.02	.02						
EAST LAWAI 914	A	2.49					.01	.36	x	x	.08	.22	.08	.03	.07						.01	.03	x	x	1.20	.36	.01						
KEELE 927	A	1.82	x	x	1.12		.11					.57				x	x	.02															
KALAULA 1110	A	5.28				.05		.15	x	x	.20	.20				x	x	.05			2.48	1.80	x	x	.03	.02		.10	.03	x	x	.17	
KALEWANAHO 1006	H	4.31				.58	.31	.05	x	x	.28	.41	.09		.09				.03	.29	.58	1.33	x	x	.14	.05	.07						
KAMIPA 945		2.44			.10		.24	.33				.78										.99											
KILAUEA INTAKE 1050	A	16.70	x	x	1.86	1.90	.94	1.44	x	x	.71	.76	.09	.11	.18	x	x	.54	2.47	.04	1.28	1.20	x	x	2.74	.32	.03	.06	.03	x	x	x	
INTAKE WAINIHA PC 1086	A	6.43	x	x	.29	x	x	1.52	x	x	.19	x	1.08	x	x	x	x	x	.73	x	x	2.42	x	x	x	x	x	x	.10	x	x	.10	
KAMAOHELUHULU 1075		8.32			.16	1.06	1.04	.53	.02			.78	.10		.03			.05	.05		1.84	1.27	1.36	.01					.02			
KAWEHA RESERVOIR 1092	A	8.55	x	x	.10	.80		.10	x	x	.10	.15	.03	.15	.05	x	x	.15	.03		3.00	3.15	x	x	.11	.07	.11	.05	.10	x	x	.30	
KAWAI STABLES 1104	A	5.76				.23		.05	x	x	.10	.37				x	x	.11			2.83	1.45				.05	.07		.05	x	x	.45	
KEALIA 1112	A	5.10				.03		.09	x	x	.35	.30				x	x	.03			2.10	1.50	x	x	.03	.02			.50	x	x	.15	
KEKAHA 944		1.65			.28		.06	.20				.86			.13							.10			.02							
KILAUEA 1134	H	5.05				.12		.51			.17	.05	.06			.05					1.05	2.49			.24	.05	.17	.04	.04			.01	
KILAUEA FIELD 17 1135	A	-																															
KILAUEA POINT 1133		-	-	-	-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOLO 1033		1.06						.24				.09	.05		.03							.65											
KOLOA 936	A	3.21				.10		.10	x	x	.03	.62	.04	.08		x	x			.03	.10	1.25	x	x	.25	.36	.08			x	x	.04	
KOLOA PLAKA 994	H	6.78	x	x	.01	x	x	x	x	x	x	1.66	x	x	x	x	x	x	.15	x	x	x	x	x	x	4.96	x	x	x	x	x	x	
KOLOKO RES 1137	H	4.47	x	x	x	x	x	.90	x	x	x	x	x	x	.33	x	x	x	x	x	x	2.27	x	x	x	x	x	x	.97	x	x	x	
KUALILA 935	A	1.06					.02	.01	x	x	.09	.36		.01	.05	x	x	.06		.02	x		x	x	.09	.30	.01	.01		x	x	.01	
LIHUE AGRIC. STA	A	8.05				.47	.21	.04	x	x	.08	.58		.05	.21	x	x	.45	.03	.03	1.10	4.18	x	x	.16	.20			.10	x	x	.16	
LIHUE 1020	A	4.73				.08	.01	.34	x	x	.07	.47	.01								1.40	2.21	x	x	.03	.01	.01		.09				
LIHUE WSO 1020.1 AP	AR	1.73	.01		.01			.23	T	T	.32	.01							T	1.46	1.64	T		.02		T	.01	T	T	.02			
MAKAHUENA POINT 940.1						-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAKAWELI 965	A	.76		.19		.01						.48						.01			.03	.03				.01							
MANA 1026		1.76			.05	.47	.17	.80	.08			.43	.24		.66				.01	.27	.30	.11	.06							.11			
MOHIHI EW BOSS 1081	A	5.26		.36	.44	.30	.52											.40		.24	1.20	1.04							.08			
MOLOAA 1145	A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MOUNT WAILEHLE 1047	R	24.05	.12	.83	1.93	3.74	.83	.16	.08	.12	2.36	.20	.04	.08	.32		.28	3.15	.51	1.46	1.34	3.54	.20			.67	.28	.28		.51	.98	.04	
MT. RIDGE 1035		10.44				2.46	.19	2.74	.08			.84			1.09				.63	.13	1.02	.41			.57						.28	
N WAILUA DITCH 1061	H	17.66	x	x	2.19	1.34	.90	.26	x	x	.15	1.75	.13	.09	.12	x	x		1.85	.52	2.85	1.27	x	x	3.05	.10	.13	.19	.04	x	x	.50	
PH WAIMINA 1115		4.55	x	x	.33	.45	T	.08				.40	T						.01		1.26	1.14	x	x	.18	.12	T			x	x	.70	
PRINCEVILLE RANCH 1117		6.94	x	x	x	.03			x	x	.17	.10	.07			x	x	.01			1.10	3.78	x	x	1.42	.02	.23	.01					
PUEBO RIDGE 1040		9.13			.77	.37	1.77	1.52	.05			1.56			.65				.93		.21	.92			.16							.22	
PUKI 1013	A	.68				.01				x	.52	.02	.01	.01												.01							
RESERVOIR 6 1004	A								-		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WAIAKA 930	A	1.02	x	x	.14		.02				T	.54		.01								.11				T							
WAIHI LOWER 1054		9.66	.02			.62	.12			.12	.03	.46	.02	.08	.07	.04			.54		1.85	2.18	1.92	.58	.08	.36	.07	.03	.02	.18	.07		
WAIAHI UPPER 1052		12.40			.13	.49	1.19	.18	.26	.24	.11	.69	.10	.16	.13	.03		.03	2.25	.24	1.41	2.32	1.26	.38	.11	.24	.06	.08	.04	.04	.23		
WAIAKA 943		1.67			.12		.26	.25				.85	.01		.08			.09														.01	
WAILUA KAI 1065	H	6.72	x	x	.03	.26		.08	x	x	.07	1.60	.02		.08	x	x	.06			2.03	2.20				.06	.02		.10	x	x	.12	
WAIMEA 947		1.75			.51		.93	.06				.22										.03										
WEST LAWAI 931	A	.67						.01				.23	.06	.01	T						.05		x	x	.05	.14	.02						
x x x																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		2.18			x	x	x	1.20				62			T	07				07				.08		.11			.03			
CAMPBELL IND PK 702.6		1.03						1.03							T	T													T			
CAMP 84 807	A	7.36	x	x	1.16	.01	.01	2.60				x	x	.06	11	x	x	x	x	x	1.80	.94	x	x	.24	.11	x	x	x	x	x	.16	
CHURCH COLLEGE LAIE		1.75			T	T					.11	29			06				T	.03	1.10	.01					.04	.07	.03	.01		
COCONUT ISLAND 840.1		4.58	x	x	.47	82	1.53				.04	45		.04	53		x	01		.09	.35						.04	.02	.01	.14	x	.01	
EWA PLANTATION 741		x	x	x	.42		.05	.71				.07			.14					.12	1.33		x	x	1.10					.16	x	x	
HEEIA AMD INTAKE 881	A	9.38	x	x	.94	x	2.42	x	x	x	.32	x	x	.09	x	x	x	.12	x	x	x	x	x	x	x	5.42	x	.02	x	x	x	.05	
HONOLULU 725.2	A	6.41	x	1.26	x	x	x	1.92	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.81	x	x	x	x	1.35	.08	
HONOLULU OBSERV 702.4		1.47			.13		.01	.14				.14					.01			.07	.81	.01							.15			
HONOLUL. WSO 703 AP	R	2.08	T	.76		.03	.19				.66			.10		T		10	T	.18	T		.01		.03	T		.02	T		.01	
HONOLULU SUBSTA 704	R	2.11			.68		.08	.37			.45			.03		.04		.05	.11	.04	.07		.07		.10			.04				
H S P A EXP STA 707		6.66			.74			.41	.01			.48	T		.01	.08			.05	.13	.04	.09			.01							
KAENA POINT 841.3		3.12	x	x	1.69	x	.24	.01	x	x	x	1.04	.02	x	.05	x	x	x	x	x	x	.05	x	x	.01	.01		T				T	
KAHUKU 883.1	H	14.11	x	x	2.88	x	x	x	x	x	2.10	x	x	x	x	x	x	2.45	x	x	x	x	x	x	3.68	x	x	x	x	x	3.00	
KAHUKU 912	H					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAILUA FIRE STA 731.3		1.71		.35	.15		.03		.04		.30	.39		.02	.01	.09	.02			.02	.23											
KALIHI RES SITE 777	R	12.06	.28	2.18	.13	2.56	.02	.02			1.16	.06	.06	.38	.08	.06			.86	1.66	1.24	.02	.22		.28	.06	.08	.20	.20	.10	.06	.12	
KANEOHE MAUKA 781		8.13			.13	1.96	1.93	.02			.15	.40	.10		.23	.04				.66	1.33	.03		.08		.03	.10	.13	.09	.18	.01	.01	
KAPALAMA 773	H	2.79	x	x	.35		.07		x	x	.10	.30	.03						.07		.70	.55	x	x	.30	.29		.03					
KASHIWABARA 941	H	1.25	x	x	.55	.12	.06	.04				.15	.07			x	x	.10															
KAWAI IKI INTAKE 887.2	A					-	-	-			-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEMOO AMD #855	A	3.13	x	x	.54	.01	.46	.35			T	.88	T								.38	.30	x	x	.05	.14					x	x	
KOOLAU DAM 833	H	1.34		.20	.38		.03	.10		.11	.08	.19	.05	.28	.70	.04			.06	.70	.14	3.55	2.75	2.40	.04	.28		.22	.01	.03	x	x	
KOOLAU ALEI 804	A	1.73	x	x	1.90		x	1.02		x	.01										x	.08										
KOOLAULEI WTR TUNNEL	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.72	
MAKAHA KAI 796.1	A	3.60		.07	.27		.22	.52				2.27	.07		.02						T	.05	.07	T				.04			T		
MAKAHA PUMP 800.2	A	4.38			.14		.69	.98				2.00	.10		.13																.50	
MAKAPUU POINT 724						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.24	-	-	-	-	-	-	-	
MANOA 712.1		x		.02					.11			.66				.16		.02		.05	.65	.05	.10			.05	.03	.06	x	x	x		
MANOA TUNNEL 2 716	R	7.82	.16	1.94	.04	.44	.08		.06		.86	.02	.04	.04	.02	.16			.62	1.62	.46		.22		.48	.06	.02	.18	.08	.02	.02	.18	
MOANALUA 770		2.31		.13	.46			.05			T	.22			T	.04			.13		.68	.47		.13					T			
MUUANU RES 4 783		8.66	.04	.92		1.62	.04			.32	.74	.02	.10	.20	.04			.02	.12	2.62	.20		.06		.62	.04		.12	.04	.06		.12	
MUUANU RESERVOIR #5	A	5.33	x	x	.64	x	x	x	x	x	.46	x	x	x	x	.04	x	.82	x	x	x	x	x	x	3.00	x	x	x	x	x	x	.42	
NEHOA 870	A	2.84		x	.20	.10	.20	1.00			.02	.80			.06	.06					x	.30	x	x	.10								
PALI GOLF COURSE 788.1		8.24		.62	.28	.15	1.70				.30	.25		.10	.11	.08		.02		.60	1.86	.01	.02	1.52	.01	.21	.05	.02	.15	.09	.19	T	
PALOLO VALLEY 718	R	4.08	.04	.38	.02	.02	.04			.02	.78	.08	.04			.12		.08	.22	.72	.40	.02	.32	.02	.20	.08	.04		.28	.02		.14	
PANOA FLATS 784	R	7.82	.08	1.00	.02	.26	.08	.02		.24	.76	.14	.18	.32	.12			.06	.04	2.84	.08		.06	.02	.56	.12	.04	.36		.08	.02	.32	
PORTLOCK ROAD 724.4		.78	T	.10							.01	.02		.01			T		.02	.05	.57	T										
REINWAIAWA #2	A	10.90	x	x	.90	.01	.14	1.40				.20	.28	x	.01	x	x	.01			.31	3.36	x	x	3.78	.29	T						
PUNCHBOWL CRATER 709	A	3.70		.52	.92			.57	.02			.82	.02				.01	.05	.02	.02	.07	.28	.08	.04	.03	.04	.10	.02	.02	.02	.01	.02	
ST STEPHENS SEM 788		7.83		.09	.44	T	2.08	.11			.26	.15			.13	.02	T			.25	1.48	T		1.50		.64	.02	.13	T	.45	T	.08	
TANTALUS 2 780.5		4.76		.71	.83		.03	.02		x	.17	.74	.09	.05	.21	.11			.05	T	.78	.65	.01	x	.22	.12	.03	.20	.01	.01	x	.12	
UNIV OF HAWAII 713	H	2.42	x	x	.57	T	T	.56	x	x	.03	.80	T		T	x	x	03	T	.07	.06	.18				.08	T	T		x	x	.04	
UPPER WAIAKAA 874.3		7.09		.06	.46	.09	1.42	.64			.08	.30	.15		.27				.03		.79	2.00	.29	.24	T	.20		.06		.21	T		
WAIAHAA DAM 863	A	7.23	x	x	.55	.05	.63	2.22			T	.07	.12		.14						.74	.70	x	x	1.75	.05	.01			x	x	.20	
WAIAHOLE 837	A	9.09	x	x	1.62	.41	1.63	.08	x	x	.46	.58	.24		.82			.12	.43	.26	1.20	.09				.64		.05	.24	x	x	.20	
WAIAHOLE KAMAIA 715		1.25		T	T			.12	T			.26							.06	.78		.02	T						T			
WAIALEE 806.3		1.11	.01	.03			.11	.12					.58	.04									.18				.01					
WAIHEE 847	A	1.52			.13	.06		.02				.53	.26	.26	.26											.04						
WAIHEE 708.2	H	4.16		T	.35		.01	1.00				2.46	.02		.10	T							.07			.01			.15				
WAIKAKA 836	A	12.85	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	12.85	
WAIKANE 885	H	11.26	x	x	2.70	x	x	x	x	x	1.98	x	x	x	x	x	x	1.62	x	x	x	x	x	x	3.40	x	x	x	x	x	x	1.56	
WAIKANE 717.2		6.3						.12				.19					.09			.02	T	.18			T							
WAIMANALO EXP FARM		1.79		.04			.01	.09				.29								.27	.87	.03							.02			
WAIMEA 932	A	1.44	x	x	.21	.01	.05	.01	x	x	.04	T			.14							.89					.04	.09	.05			.01	
WAIPAHU 750	A	4.48	x	x	.85		.15	.85				.07			.33					.04	.82	.25	x	x	.88	.24							
WILHELMINA RISE 721	R	2.10		.12			.18		.04		.50	.02			x	x	x	x	x	x	1.08				.10			.02	.04				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
* * * ISLAND OF MOLOKAI																																
KALAUPAPA 563	A	1.27			.22																		.09	04				38	.19	.23	.08	04
KAUNAKAKAI 536	A	.08					.04					.04																				
KEOMELELE PEMS 551	A	.67					.67																									
KUALAPUU 534	A	1.00	*	*	.01	.39	.34									.12						14										
MAPULEHU 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	A	3.94	*	*	.10		1.72	.19				1.01	.02			*	*	.02	.18			.65								*	*	05
MOLOKAI AP 524		.96		T	.21	.19	.30	.06				T				.14			T			06										
PUUOHOKU RANCH 542.1	V	1.57	*	*	.28	.95	.04		*	*	.28										.01							01				
WAIKOLU 540	A	2.61			.42						1.54							.05							55					05		
* * * ISLAND OF LANAI																																
KANEPUU 680	A	1.15	*	*	*	*	.40	*	*	*	*	*	*	.30	*	*	*	*	*	*	*	*	*	*	30	*	*	*	*	*	*	15
KAUMALAPAU HARBOR 658	A	1.27	*	*	.12		.18	.13				.02	14	.04						.63		01										
LANAI CITY 672	A	8.71	*	*	.03	.06	.42		*	*	.01	.83	.05	.01	.03				.25	2.92	3.27	.68	*	*	.15							
LANAIHALE 684	A	6.00	*	*	*	*	2.20	*	*	*	*	*	*	.20	*	*	*	*	*	*	*	*	*	*	3.50	*	*	*	*	*	*	10
MANELE 694	A	2.45	*	*	*	*	.85	*	*	*	*	*	*	.10	*	*	*	*	*	*	*	*	*	*	1.50							
MALAUEA 676	A	6.75	*	*	*	*	2.25	*	*	*	*	*	*	.50	*	*	*	*	*	*	*	*	*	*	4.00							
WAIAKERAKUA 685	A	5.80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.67
* * * ISLAND OF MAUI																																
AUWAHI 252	A	7.97			3.42	55	2.28													90	.70											12
HALEAKALA 8 E S 434	A	1.27	.01		02	1.20	.01					01								.02												
HALEAKALA RANCH 432	A	1.67	*	*	*	1.56	*	*	*	*	*	*	*	*	*	*	*	*	.11	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEAKALA RS 338		1.68	.05	T	.38	.19	16	T				T	T		.12	01	T			.60	03	.05						T	09		T	
HALEAKALA SUMMIT 338.4	A	1.60	*	*	.72	.04	58					.19								.07		.09										
HALIIMAILE 423	A	.37	*	*	01	33														03												
HAMAKUAPOKO 485		.06	.03			T				02																	.01			T	
HANA 354	A	1.70	*	.52		57			.02	*	07	.04		.04				.01								34			*		09
HANA AIRPORT 355		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMAHULI 281		3.50	08	.14	06	1.80	02		09	04	.08	04		15	09	.10	08		T									46	04	10	07	06
HOLUA CABIN 259.5	A	.10									T	*	*	*	*	*	*	*	*	*	*	*	*	*	.07	*	*	*	*	*	.03	*
HONOKOHAU 480	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOKOHUA 483	A	.45	*	*	07	.10			*	*	02	10								.15								.01				
HONOMANU GULCH 341	A	1.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.60
KAANAPALI AIRPORT		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAHOMA INTAKE 374	A	5.95	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.95
KAHULUI WSO 398 AP	R	.12			12																											
KAILIILI 436	A	1.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.10
KAILUA 446	V	1.26	*	*	.43	18			*	*	02	14		.01	24													12		*	*	.12
KAUAULA INTAKE 375	A	9.55			.08	*	4	*	*	*	3.35	*	*	*	*	*	*	*	*	*	*	*	*	*	5.80							32
KEAHUA 410		.31				31	T					T																				
KEANAE 346	A	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20
KEALAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIHEI 311		2.03				1.08	95																									
KIPAHULU 258		2.47			83	05	07					19	09	03													15	.70	.10		26		
KULA HEIGHTS 323.2		3.00			1.50	1.27	17	.01													.05											
KULA SANATORIUM 267		4.82			1.12	35	1.68	.04	02		T	.05	1.05	.01	T			.05	.05	.04	.11	.17	02	T		T		.02	.03	.01		T
LAHAINA 361		.03			.01		02																									
LAUNIUPOKO INTAKE 376	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
LAUNIUPOKO VILLAGE 372	A	.41					32													.09												
LUPI UPPER 442	A	1.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.20
MAHINAHINA 466	A	.69			.26		.06					37																				
MAKALELE FIELD 60 407	A	1.60	*	*	*	*	*	*	*	*	1.47	*	*	*	*	*	*	12								*	*	*	*	*	*	.01
OLIMOA 332	A	.99	*	*	24	45	.05					04			02					11	02											
OLOWALU 296		17			02		03													.05		.07										
PAAKEA 350		2.70	35		.67			02		38		.34	16	.10	.35													.22		*	*	11
PAIA 406		.06	01			.05	T																									
PAMILEIHULU 259 2	A	5.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	5.15
POHAKEA BRIDGE 307.2	A	1.44	.02	*	42	.55	46																									
POLIPOLI SPRINGS 267.2	A	4.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.10
PUOHOKAMOA 2 343	A	4.40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.40
PUUMENE 396		.82			73	09																										
SPRECKELSVILLE 400.2		.07				.07																										
TWIN GATES 261.3	A	5.32	*	*	1.50	80	1.40	*	*	*	*	*	*	*	*	*	*	1.62	*	*	*	*	*	*	*	*	*	*	*	*	*	*
UKULELE 333	A	3.66	*	*	*	*	*	2.78	*	*	*	*	*	*	*	*	*	*	*	*	*	72	*	*	*	*	*	*	*	14	*	.02
UKUMEHAME 301	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
ULUPALAKUA RANCH 250		7.83		*	90	.85	1.04	*	*	*	*	*	.40	*	*	*	*	.30	.06	.07	3.62	*	*	*	*	.51	*	08				
WAHIKULI 364	A	1.93			20	.02	.42					08								1.21												
WAIEHUI CAMP 484	A	3.11	.03	*	*	3.06	.02																									
WAIHEE VALLEY 482	A	1.55	08	*	*	1.46	.01																									
WAIKAMOI 449	A	1.30	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.30
WAIKAMOI DAM 336	A	3.67	*	*	.36	2.40	.10					02	04	04	22					15	04	.01	*	*	01			.12	12	T	T	04
WAIKAPU 390	A	.48	.09	*	18	.19	.02																									
WAILUKU 386	A	.50	*	*	.02	.48																										
WAIOPAI RANCH 256	A	3.32			2.27			.17											*	*	*	.88										
* * * ISLAND OF HAWAII																																
AHUA UMI 75	A	2.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.10
AWIMI 182.1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CITY OF REFUGE 27.4		3.94		T	.25		.38		1.93		15	.30	.11		.03		.03				.31	T	T			.32	.02	.02			.08	T
EAST HONOKAHE 183.2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HAINA 214		.38	.15	.07																						.16						
HAKALAU 142		1.63	.24	.10						.27		.21	23	.05												.05	.35	.07				06
HALEMAUMAU 52	A	1.25	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.92	*	*	*	*	*	*	*	*	33
HALEPILULA 117	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		*	*	*	*	*	*	*	*	*
HALEPOHAKU 111	A	2.14	.04	.07	1.32	.63	T													.08												
HAWAII VOLCMS NP HQ 54		2.77	.03	.03	T	T	T	T		*	22	T	16	T	T		T	T	T	.25	.57		T		1.10	10	.05	.15	05	T	06	T
HAWI 168	A	1.54	*	*	1.24	.01			*	*	.01	.11							.02							.02		.07		*	*	.06
HILO COUNTRY CLUB 86.6		2.00	.18	.04	.11	T				.28	T		.36	.01	.04										.01	.23	.52	.13	.08	.01		
HILO WSO 87 AP	R	1.59	.29					.01	.06	.39		.33	.08	.03						T					T	.03	.08	.12	.02	T	.07		.08
HOLUALOA 70	A	4.24	*	*	*	*	*	*	*	*	*	*	*	*				*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.24
HOLUALOA BEACH 68	A	7.23	*	*	*	*	*	*	*	*	*	*	4.00	*	1.05	*	*	*	*	*	1.85	33	*	*	*	*	*	*	*	*	*	*
HONAUNAU 27	V	9.10	*	*	1.76		3.19		*	*	2.39	.16	.46	.04		*	*	.12		.33	.15	.20					.02	.12	.16			
HONOKINA 137		1.24	.40	.01						.19		.23	.09	.03												.03	.01	.24	.01			
HONOKAME 181.1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOMU MAUKA 138		2.10	.36		.01					48		.07	.52	.01												.03	.23	.25	.03		.06	.05	
HOMUAULA 71	A	2.72	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.72
HUALALAI 72	A	1.53	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.53
HUEHUE 92.1	A	14.61	1.70	2.00	.10	*	*	*	*	3.70	*	2.70	*	*	*	*	*	*	*	2.70	*	*	*	*	*	*	1.00	.71	*	*	*	*
KAALA IKI 12	A	3.08		.29	*	*	*	.28	.04	.14	*	*	*	*	.50		.05	*	*	.25	.27	.01			.08	.32	*	*	.85			
KAHUALOA 29	A	17.35	*	*	.32	.22	4.00	1.27	*	*	.31	.05	.22	.76		*	*	.31		3.27	.46	.61	*	*	.02	.52	T	.07	.08	*	*	87
KAINALIU 73.2		15.38	*	*	.48	.50	5.00	1.18	*	*	.35	.14	.39	1.05				.14	.02	2.45	.32	1.31	*	*	.13	.08	.01	.23	.33	*	*	1.26

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
SEPTEMBER 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
KAHAPANA NO 1 67 M		6 24	.43	.23	.06					1.13	.01	.01	.02						.08	1.12	T			1.09	.82	.39	.11	.13	.18	.17	.11	.15
KAMAOA NO 2 5	A	2 26	x	x	x	x	x	x	x	.34	x	x	x	x	x	x	.38	x	x	x	x	x	x	.09	x	x	x	x	x	x	1.45	x
KAMELA HW 2		2 24			1.20	.07	.17					.47									.10					.03				.20		
KAPAPALA RANCH 76	A	2 78	x	x	x	x	x	x	x	1.70	x	x	x	x	x	x	.20	x	x	x	x	x	x	.55	x	x	x	x	x	x	.33	x
KAPOHO LANDING 93 5	A	7 48	x	x	1.96	x	x	x	x	x	1.09	x	x	x	x	x	x	.50	x	x	x	x	x	x	2.54	x	x	x	x	x	x	1.39
KAUAIMUI LOWER 193	A	2 80	x	x	x	x	x	2.50	x	x	x	x	x	x	20								x	x	x	x	x	.10	x	x	x	
KEAAU 92		3 34	.45	.48						1.21			.30	.01	.04										.13	.12	.13	.25	.18		.04	
KEALAKEKUA 26 2		413 99	x	.89	x	x	x	x	x	x	6.40	x	x	x	x	x	x	1.27	x	x	x	x	x	x	3.80	x	x	x	x	x	x	1.63
KEHENA 181 2	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
KIOLAKAA A & F E	A	1 79	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.79	x
KIPA 80 2	A	2 70	.28		.12					.52			.47	.12	.03					.01					.05	.78	.18	.10	.03		.01	
KOHALA MAULILI 176	A	1 04	x	x	2.48	.03			x	x	.10	.11								.02	.15					.03		.06		x	x	.06
KOHALA MISSION 176 1		1 79	.09	.01	1.23	.13			.05	.02	T	.02														T	T	.08		.10		.06
KOIAHE LOWER 196	A	1 07	x	x	x	x	x	.90	x	x	x	x	x	x	15														.02	x	x	x
KOMA KAILUA 68 3	A	8 84	x	x	.26	.57	1.35		x	x	3.39	.25	1.36							.05	1.06	.02					.03	.01	.01	x	x	.48
KOMA VILLAGE 93 8		1 10		.09	.02							.78							.20										.01		
KUKAIAU 222		.52	.13	.16	T					.02															.21						
KUKUIHAELE HIC 199		.94	.21	.14					.07																.46						.07
KUKUIHAELE MILL 206	A	.32	.14	.10																					.03		.05				
KULANI CAMP 79		1 24	.03	.04	.15	.20				.14	.03		.04		.09							.02			.08	.15	.04	.09	.03		.02	.08
KULANI MAUKA 76	A	.85	.10	.30	.40					.05																						
KULANI SCHOOL SITE 78	A	2 04	x	x	x	x	x	x	1.16	x	x	x	x	x	x	x	.34	x	x	x	x	x	.14	x	x	x	x	x	x	.40	x	x
LAMIMAU 68 2		14 61	.09		.83	1.81	.26	1.90	.09	.24	2.40	.12	.43	.83		.21		.05	.49	.41	.48			.14				.81	.73		.08	.21
MAKAHALAU 103		3 55			.95	.15						.10								.75	1.60											
MANUKA 2	A	4 20	x	.50			T	T	x	x	.40	T	x	.40	.80	x	x	1.20	T	T	.10	.20	x	x	.60	T						T
MAUNA KEA OBS 111.2		1 77	.10	.90	.57	T					.12								.08													
MAUNA LOA SLOPE OBS		1 79	.30	.44	.53	.21		.18										.13														
MIDDLE HOLUALOA 68 1	A	6 29	x	x	x	x	x	x	x	x	x	1.95	x	.90	x	x	x	x	x	x	1.67	.45	x	x	x	x	x	.30	x	x	x	1.02
MIDDLE PEN 147 1	A	2 73	x	x	x	x	x	x	.38	x	x	x	x	x	x	x	x	x	x	x	2.21	x	x	x	x	x	x	x	x	.14	x	x
MOAULA 18	A	1 00	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	1.00
MOUNTAIN VIEW 91		3 80	.10	.33						1.02		.02	.20	.27	.05										.21	.76	.14	.30	.12		.08	
NAALEHU 14	A	1 71		.33	.05	.01							.01							.05	.24	.03			.55	.23		.01	.11			.09
NAPOOPOO 28	A	8 87	x	x	.39	x	x	x	x	x	3.91	x	x	x	x	x	x	.31	x	x	x	x	x	x	2.57	x	x	x	x	x	x	1.69
NIULII 179	A	1 53	x	x	1.24				x	x	.11	.01	.01													.03		.09		x	x	.04
OOKALA 223		.74	.41	.02						.18															.11	.02						
OPIHIHALE 2 24.1		10 89		.14	.23	1.36	.48	T	4.72	1.30	.33	.01	.01	.02	.03	.15	.03	.05	.30	1.05	T	T	T		.25	T		.04	.01	.18	T	T
ORCHID LAND EST 91 5	A	4 89	x	x	1.68	x	x	x	x	x	1.06	x	x	x	x	x	x	.49	x	x	x	x	x	x	.14	x	x	x	x	x	x	1.52
PAAUHAU 217		.39	.14	.06																					.19							
PAHULO 221		.46	.09	.25						T															.12							
PAHALA 21	A	.80		.06	.16	.06															.10	T			.19	.12			.11			
PAHOA 65		4 24	.52	.57		.04				.15		.09	.34	.18	.16	.06				.06					.66	.53	.14	.20	.31		.15	
PAKAO 37	A	5 50	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	5.50
PAPAIKOU 144 1		2 43	.46	.62						.32		.32	.08	.09	.01	.09										.40	.53	.04		.07		
PAPAIKOU MAUKA 140.1		2 38	.28	.03						.27		.09	.23	.05	.04										.03	1.03	.22	.03	.03		.05	
PIIHONUA 89	A	1 40	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.40
POHAKULOA 107	A	1 68			.78			.90																								
PUAKO 95.1	A	.80		T		T					T		T					T	.39	.19									.22			T
PUU KIWE 120	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PUU LAAU 102 1	A	3 46	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	3.45
PU LEHUA 73	A	2 16	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	2.16
PUU MALI 113	A	.70	x	x	.70	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
PUU OO 82	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94 1	A	6 57	x	x	1.04	.65	.02	.04	x	x	.98	.09	.89	.23																		
SADDLE ROAD 1 84	A	3 85	x	x	1.85	x	x	x	x	x	.95	x	x	x	x	x	x	x	x	.55	.80	.55	x			.53	x	x	.20			
SOUTH POINT CORRAL 3	A	.71	x	x	x	x	x	x	x	.10	x	x	x	x	x	x	x	x	x	x	.20	x	x	.16	x	x	x	x	x	x	x	
UMIKOA 118		.97	x	x	.70	.11														.14									.02			
UPOLU POINT USCG 158.2		-	-	-	-							-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAREA SLD 88 2		1 37	.31	.19						.12			.07												.06	.08	.15	.19				

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND		1.39	.01			T	T	T	.02	.50	.18					.67											01				
FAGA ALU RESERVOIR		2.00	.15	.09	.20			.10		.30		.15	.10	.01					20	.05	10	10							30		15
JOHNSTON WSO AP	R	2.38		.08	T		.03		T	.07	.13		T	02	.24	.08		06	.61						14	01		T	34	.57	T
LEONE		2.92				.10	.30	.04	.15	.34	.74	.10	.48	.02							.48						15				.02
FRENCH FRIGATE SHOALS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LUMA VILLAGE		2.31		.05	.01	.02		.01	.35	.11	1.08	.03	.02	.04					T			25	01	03		09	*	20	01			
MIDWAY SAND ISLAND		4.01	.53	.08		1.83	T	T	T	.07		T	T					T	T					.47	75	.25	03				
PAGO PAGO WSO AP	R	.99	.01	.02	T	T	.11		.07	.13	36	T	03	.01	T				05	04	T	04			T	T	.10	02	T			T
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM		3.95	.04	.34	.07	.15	05		.02	.33	.03	T		T		.03			.16	52		1.37	53	T	02	.02	T	27	T			
CLARK AFB LUZON		5.70					.12	.45	.26		.26	.88	.10	20	.58	1.45	.20					T				.84	T	.01	T	02	15	T
GUAM NAS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM WSO	R	8.96	.10	.05	09	.33	03	.03	.01	.01			1.36	06		T	.05		.35	.06	.02	4.25	.64		01		95	.17	09	1.25		.05
MANGILAO		11.46	.28	1.11	.06		18	.20	02	.05	11	.16		11		.03				14	1.33		4.76	1.86					50	28	19	09
ROTA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAIPAN USCG LORAN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAKE WSO AP	R	4.94	13	T		01	12	.01	.70		02	12	06		.15	.27	33	.02	.03	.22	14	49	.05	.26	.39	.02			18	07	22	03
* * * CAROLINE AND MARSHALL ISLANDS																															
AMOUAR		6.38		28			30					95	1.15			14	1.14	.91			02			02	12	.70	15			50		
ENIWETOK		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALALOP I. ULITHI		-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAPINGAMARANGI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	14.80	.52	01	14		06	01	T			62	2.07	54	.01	.29	3.35	.70	.05	2.20	01	03			65	1.06	.93			59	.94	.02
KWAJALEIN WSO AP	R	10.28	.11	1.42	.05	26	05	T	.91	1.19			.03	07	1.42	.11	T		.03	.07	1.52	.01	.02	16	28	.61	.22	10	1.00	.27	.32	.05
LELE I. KUSAIE		15.14	.60	77	.54	.50	.02	58	16		.02	04	1.15	1.59	04		.81		.20	1.54	.95	.51		.06	88	1.16	.67	2.35				
MAJURO WSO AP	R	10.44	.11	.02	1.91			T	T	73		09	07	19	.76	.04		T	1.65	.12	1.23		.09	1.56	.76	.05	.33	.23	16	T	.06	.28
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKIL ATOLL		-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG.BABELTHUAP		4.82	*	*	*	*	03							21		*	*	1.13	2.38	.35	.02			*	*	.18	.30	.05			.16	
PONAPE WSO	R	8.84	.07	05		11	02	37	04		T	58	.51	1.69			1.47	01	T	.79	.26	.04	.23	.14	.65	.69	.60	.19		.02	.31	
SATAWAN ATOLL		-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	14.33		.53	.35	1.72	01		T		T		1.44	.74	1.16		95			.02	.06	01	08	T	10	.88	2.22		13	2.28	1.65	
WOLEAI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAP WSO AP	R	9.48	33	08	.02	.53	39		T			15	97	36		95	21	.03	.04	.47	.50	.57	.22	.04		1.97	.14			85	09	.57

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	75	75	70	73	74	75	76	72	73	73	74	74	73	75	74	74	75	72	68	73	70	73	76	75	75	73	72	71	72	75		73.3
	MIN	51	50	50	52	51	53	54	53	52	54	52	50	51	49	48	51	50	52	54	54	52	51	53	56	53	52	49	53	54	52		51.9
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	86	86	86	86	87	86	87	86	85	86	86	86	86	87	86	87	86	88	81	85	84	85	85	85	84	84	84	84	85	85		85.5
	MIN	73	72	71	72	72	74	79	78	74	73	79	77	78	73	72	72	72	72	73	71	74	73	73	79	76	75	73	74	79	77		74.3
MAKAHOENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	90	90	89	90	89	87	87	89	90	87	86	86	87	90	89	89	88	89	88	87	89	89	89	90	90	89	88	89	90	88		88.6
	MIN	70	71	71	70	70	71	70	70	70	70	68	70	69	68	70	69	71	64	64	63	64	67	69	70	70	70	66	70	69	66		68.7
NIU RIDGE 1035	MAX	86	85	84	85	85	84	83	85	83	85	84	85	84	85	83	85	84	85	84	85	83	84	86	85	84	83	84	83	84	83		84.3
	MIN	63	62	60	64	64	64	60	62	62	64	62	63	63	62	64	63	62	63	63	63	62	63	62	64	63	62	63	63	62	63		62.7
WAIAHI LOWER 1054	MAX	86	86	86	85	86	87	87	87	86	85	84	85	85	85	84	86	85	87	80	84	87	83	85	84	84	84	84	81	82	87		84.9
	MIN	61	61	60	62	60	63	63	65	64	62	63	63	65	60	60	60	62	66	62	62	65	64	64	67	66	66	65	64	65	66		63.2
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX			86	86	87	87	88	88	88	86	88	88	87	87	87	88	87	87	88	86	87	87	88	88	88	88	86	86	86	86		87.1
	MIN			70	70	69	72	74	75	74	72	76	77	74	72	72	69	68	68	69	69	69	69	69	77	77	76	74	71	77	76		72.3
EWA PLANTATION 741	MAX			92	86	89	87			89	87	89	89	88			90	89	89	89	87			87	89	88	87	87			87		
	MIN			69	70	68	68			69	69	70	68	69			68	69	68	68	68			67	68	69	69	70			68		
HONOLULU WSO 703 AP	MAX	92	86	86	87	87	90	90	89	85	89	90	86	90	90	90	87	87	87	87	88	87	87	92	90	90	90	88	88	91	89		88.5
	MIN	71	71	71	73	70	71	73	75	73	69	73	71	72	71	70	70	70	69	70	70	69	70	69	73	73	75	74	71	70	74		71.4
HONOLULU SUBSTN 704	MAX	83	82	84	84	83	85	84	85	82	84	83	83	85	84	85	84	82	83	82	86	83	86	85	85	84	83	84	85	85	84		83.9
	MIN	75	73	72	74	73	74	75	75	74	73	75	73	74	76	76	76	75	74	75	75	73	73	72	74	75	74	74	74	76	76		74.3
KANEOHE MAGKA 781	MAX	84	85	85	85	86	86	86	86	86	85	84	85	85	85	86	86	86	87	87	87	87	87	87	86	85	85	85	82	83	84		85.4
	MIN	72	72	68	70	71	72	73	75	73	71	72	72	72	71	72	71	70	70	70	72	71	70	71	72	71	73	71	72	72	73		71.5
LUALUALEI 804	MAX	89	88	89	86	87	87	89	87	89	85	86	84	85	87	84		88	84				86	88							88		
	MIN	67	68	71	71	69	68	68	67	70	69	70	67	68	66	66	65	65	65		66		70	65							70		67.7
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	82	89	82	82	82	82	80	82	82	82	84	84	82	82	84	84	88	84	82	85	82	80	89	87	83	82	82	83	83	84		83.3
	MIN	63	66	66	67	64	66	68	67	66	66	62	65	69	68	70	69	68	67	65	63	65	68	69	71	69	68	70	67	65	68		66.8
PRI WAHIAWA 820.2	MAX			90	87	87	89			88	87	87		88			89	85	87	87	86			87	86	86	86	87			87		
	MIN			66	66	65	65			64	65	65		65			65	65	64	64	66			63	67	69	66	65			64		
WAIALEE 896.4	MAX	86	87	89	87	88	90	89	89	90	88	87	88	89	88	89	89	90	88	88	91	90	88	91	90	89	87	89	89	89	89		88.7
	MIN	73	72	74	73	70	71	72	71	73	71	72	73	73	74	71	71	70	73	70	72	72	71	71	74	75	73	72	71	74	71		72.3
WAIALUA 847	MAX	88	89	86	87	85	87	92	91	90	88	87	89	88	90	89	89	87	86	87	88	89	87	89	89	90	89	90	89	88	88		88.4
	MIN	70	68	68	68	67	66	67	67	67	67	66	67	68	69	67	67	69	66	67	68	69	68	68	68	67	66	67	68	67	67		67.5
WAIMEA 712.2	MAX	88	89	87	87	87	88	89	89	89	87	89	89	88	88	89	88	88	88	87	88	88	87	88	90	89	87	88	88	88	88		88.1
	MIN	67	69	67	71	68	68	69	70	70	68	71	68	72	68	67	67	67	67	68	68	68	68	67	72	72	69	72	68	70	68		68.8
WAIMANALO EXP FARM	MAX	85	88	86	89	91	88	87	88	88	87	86	87	87	88	88	88	86	87	89	87	87	89	87	89	87	86	87	86	88	87		87.4
	MIN	72	72	68	69	68	70	73	74	75	69	70	74	74	71	70	69	67	67	68	70	70	70	69	72	74	76	72	71	75	74		71.1
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	89	83	87	87	84	85	80	89	81	88	85	86	86	88	85	86	90	86	87	85	86	89	93	87	86	88	85	84	85	84		86.1
	MIN	71	68	67	69	68	67	72	74	70	67	73	73	68	75	69	71	67	70	68	68	68	66	67	72	71	70	66	68	74	64		69.4
ISLAND OF LANAI																															
LANAI CITY 672	MAX			79	80	79	80			80	85	79	80	81			80	79	78	79	80			82	80	80	79	82	78		81		80.0
	MIN			65	65	64	65			62	65	63	65	65			60	63	68	66	62			63	61	60	59	63	60		59		63.0
ISLAND OF MAUI																															
MAUI FARMING CO 448	MAX	69	64	64	60	58	66	67	68	62	66	63	66	64	65	68	68	63	65	62	65	67	66	69	66	67	67	62	64	65	72		65.3
	MIN	48	45	47	45	44	45	48	50	49	45	46	42	42	49	51	42	45	44	44	45	52	45	46	53	53	42	40	44	48	44		46.1
MAUI FARMING SUMMIT 938.4	MAX			64	56	51	57			56	51	62	55	56			60	59	55	57	56			62	57	55	57	64			63		
	MIN			40	40	42	41			38	39	42	40	40			42	42	41	40	42			42	41	45	45	47			47		
KAHULUI AIRPORT 455	MAX																																
	MIN																																
KAHULUI AIRPORT	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	86	85	89	86	88	88	87	89	90	88	89	89	87	86	86	88	89	88	90	88	89	86	87	89	88	89	90	88	88	90		88.0
	MIN	70	68	72	70	67	66	68	70	68	69	66	67	67	69	66	67	67	67	66	65	66	65	64	72	71	66	67	66	63	66		67.4
MAUNA LA 445	MAX			81	83	81	81			81	81	81	81	81			82	82	83	83	83			82	83	81	82	81			82		
	MIN			66	64	66	67			68	68	68	68	68			67	66	67	67	67			66	66	70	68	68			68		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
KEAWAKAPU BEACH 260.2	MAX																														
	MIN																														
KULA SANATORIUM 267	MAX	78	78	72	75	75	74	75	75	78	78	72	74	76	75	76	75	72	72	73	75	74	72	76	78	76	75	73	74	76	76		74.9
	MIN	60	61	63	60	59	60	59	60	60	61	59	60	61	59	60	60	60	61	59	57	58	60	59	59	58	59	60	60	59	59		59.7
LAHAINA 361	MAX	91	89	88	88	88	89	90	89	88	88	89	88	89	88	89	88	87	88	89	89	87	89	90	89	89	89	89	89	89	93		88.8
	MIN	72	72	73	72	72	70	71	70	72	71	70	71	71	69	69	70	69	68	69	69	70	70	70	70	69	70	71	69	69	69		70.2
WAILUKU 386	MAX			83	87	84	84			84	86	84	86	86			84	85	84	87	87			86	84	84	84	85			88		
	MIN			70	70	70	73			72	74	73	70	72			70	70	71	71	70			69	73	73	73	71			72		
ISLAND OF HAWAII																															
HAINA 214	MAX	84	83	85	85	85	85	85	84	85	84	85	85	86	85	84	85	85	86	87	86	85	85	85	86	85	85	84	85	84	84		84.9
	MIN	69	68	71	70	67	67	67	66	68	68	70	68	71	71	68	68	68	70	68	67	67	66	67	69	70	68	68	68	70	67		68 3
HAWAII VOLCNS NP HQ 54	MAX	69	73	71	73	75	76	73		74	74	64	71	71	73	72	74	75	73	71	75	74	74	76	73	71	70	71	69	70	72		72.3
	MIN	56	55	54	54	50	53	56		48	55	54	55	54	54	54	52	52	59	54	50	53	53	56	56	56	56	55	52	54	51		53.8
HILO WSO 87 AP	MAX	83	87	86	87	86	87	87	86	87	83	86	85	85	86	87	87	88	89	89	89	87	87	88	87	85	85	89	84	89	85		86.5
	MIN	69	68	65	68	67	67	67	69	66	68	68	69	66	68	67	68	68	71	68	67	67	69	72	69	70	67	66	70	68	68		68.0
KAINALIU 73.2	MAX	82	82	82	81	77	78	80	78	79	78	78	80	80	81	79	80	78	78	76	79	78	80	81	79	80	80	78	77	78	79		79.2
	MIN	64	63	63	64	63	65	66	66	66	63	65	63	63	64	64	62	64	64	63	63	63	64	63	64	65	63	64	64	65	64		63.9
KAMUELA 192.2	MAX	74	76	75	76	77	81	74	77	75	75	77	79	75	75	78	80	80	78	80	79	80	81	81	78	75	76	80	78	76	75		77.4
	MIN	60	58	60	58	50	54	59	58	55	58	55	58	60	58	56	54	56	54	55	54	57	53	56	55	57	54	54	57	55	57		56.2
KEAAU 92	MAX	83	84	85	87	85	85	84	84	84	87	82	84	82	83	84	84	85	85	86	86	87	85	86	85	84	82	81	84	82	84		84.4
	MIN	67	66	65	64	66	65	65	68	64	66	66	68	67	67	67	67	65	66	64	65	64	66	67	68	68	67	66	65	67	65		66.0
KOHALA MISSION 175.1	MAX	82	83	85	83	84	84	82	84	84	84	83	84	85	84	83	85	86	85	85	86	87	86	85	86	85	85	84	81	85	84		84.3
	MIN	68	72	68	69	66	68	71	71	67	70	71	68	70	70	66	67	69	68	66	66	67	65	69	70	71	69	67	66	70	67		68.4
KONA (KAILUA) 68.3	MAX			87	85	84	85			85	84	83	86	85			87	86	88	84	84			86	87	86	85	86			87		
	MIN			70	71	70	69			71	69	69	71	70			71	73	70	69	72			70	70	73	71	73			70		
KULANI CAMP 79	MAX	66	66	66	68	66	69	70	59	57	68	64	67	67	68	68	68	69	68	69	71	71	70	72	71	66	61	66	69	69	69		67.3
	MIN	49	50	49	42	46	45	47	50	47	45	48	48	45	49	44	47	47	52	49	44	46	47	48	55	51	46	48	45	49	44		47.4
MAUNA LOA SLOPE OBS	MAX	56	48	48	49	51	54	52	56	56	54	51	52	54	56	56	52	51	50	52	53	54	52	54	52	55	54	53	57	58	60		53.4
	MIN	48	46	39	38	37	36	34	36	32	35	36	37	37	40	37	37	36	34	34	36	37	36	36	38	40	39	40	40	38	42		37.7
MOUNTAIN VIEW 91	MAX	81	81	81	85	82	84	85	85	85	83	77	79	78	83	83	83	82	80	86	86	84	84	84	82	79	78	75	81	81	81		81.9
	MIN	61	61	61	61	60	59	60	60	60	53	62	62	61	60	60	60	61	62	61	61	60	60	60	63	64	62	61	60	60	60		60.7
NAALEHU 14	MAX		84	82	84	85	82			83	83	81	83	83			84	83	84	83	82			84	82	80	81	81			82		82.7
	MIN		66	66	68	68	68			69	68	69	69	68			68	68	67	68	69			68	63	70	69	68			68		67.9
OOKALA 223	MAX	82	82	84	84	84	83	82	84	82	83	85	85	85	84	85	84	84	84	85	84	84	85	84	85	84	85	84	83	84	85		83.9
	MIN	66	67	69	71	69	67	72	70	69	67	71	72	71	70	71	69	68	69	70	69	67	71	70	67	69	70	70	70	70	72		69.4
OPIHIHALE 2 24.1	MAX	85	78	82	80	80	82	81	76	80	80	81	85	83	81	81	80	79	80	81	80	83	80	83	85	81	80	78	83	81	80		81.0
	MIN	63	63	63	63	64	65	64	65	62	62	61	61	62	61	62	64	64	64	65	63	64	64	64	64	63	63	63	63	63	61		63.1
PAHALA 21	MAX	85		88	81	81	83	83	84	84	84	81	82	82	85	84	83	82	83	82	82			86	80	80	83	84	85	80	84		83.0
	MIN	67		63	64	63	63	63	68	62	63	63	66	63	64	64	63	64	66	65	63			63	65	64	67	64	63	61	62		63.9
PUAKO 95.1	MAX	86	87	85	85	85	85	86	87	86	84	83	84	84	86	83	87	85	84	85	86	86	85	86	88	86	84	85	86	85	84		85.3
	MIN	70	70	71	72	69	69	74	72	71	71	69	69	72	73	69	72	66	67	68	68	69	69	70	74	72	70	68	70	71	69		70.1
UPOLU POINT USCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
. . .																																	
EAST OF 180TH MERIDIAN																																	
CANTON ISLAND	MAX	89	88	87	89	92	90	88	87	86	90	89	90	87	91	90	89	88	87	88	88	87	87	88	91	88	89	89	89	89	93		88.8
	MIN	76	77	77	78	77	78	77	74	75	76	76	77	77	73	75	74	75	77	77	77	77	77	76	76	77	77	77	76	77	76		76.3
JOHNSTON WSO AP	MAX	85	82	85	86	86	86	85	86	84	85	84	85	84	85	85	86	83	85	85	84	85	85	84	85	86	86	85	85	85	85		84.9
	MIN	79	75	77	79	75	79	80	76	75	79	79	78	73	76	79	78	72	78	78	78	78	78	79	78	78	79	79	75	75	77		77.3
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX																																
	MIN																																
MIDWAY SAND ISLAND	MAX	87	86	86	80	85	85	83	85	86	84	81	82	84	83	83	84	84	81	81	81	85	85	85	84	86	82	82	84	84	85		83.8
	MIN	75	76	77	71	76	75	75	72	75	74	74	74	75	74	76	74	72	73	73	71	71	75	73	75	71	70	70	69	70	74		73.3
PAGO PAGO WSO AP	MAX	85	85	85	86	85	86	85	85	81	85	84	85	85	87	86	86	86	87	86	87	86	85	86	87	85	86	87	87	86	87		85.6
	MIN	76	76	79	79	72	72	76	75	74	76	74	75	70	68	73	78	77	77	75	78	72	70	79	79	75	77	77	75	78	76		75.3
SWAINS ISLAND	MAX																																
	MIN																																
. . .																																	
WESTERN PACIFIC ISL. NORTH OF 12 N																																	
ANDERSEN AFB GUAM	MAX	83	84	83	83	85	83	83	82	84	83	83	86	85	83	84	84	83	85	85	82	80	85	85	84	85	84	86	84	85	84		83.8
	MIN	75	75	76	76	76	77	76	75	74	75	75	76	76	76	75	78	79	74	75	74	72	78	80	79	78	77	76	76	76	78		76.1
CLARK AFB LUZON	MAX	93	93	95	93	91	91	90	91	90	88	90	86	91	90	91	93	91	91	93	93	90	91	90	90	91	93	91	91	91	93		91.2
	MIN	75	75	75	77	75	75	77	77	75	73	73	79	75	73	75	77	77	75	81	79	81	79	79	75	77	81	81	81	79	79		77.0
GUAM NAS	MAX																																
	MIN																																
GUAM WSO	MAX	88	88	87	86	86	88	86	86	85	86	87	88	87	86	88	88	88	86	86	84	85	90	87	88	88	87	87	87	87	89		87.0
	MIN	72	72	71	74	72	72	71	70	69	70	69	69	70	70	69	68	73	71	70	72	72	74	71	72	72	72	74	70	71	72		71.1
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	88	89	90	88	89	87	81	86	89	88	90	87	90	90	84	88	89	87	83	82	87	87	87	86	87	87	86	87	83	80		86.7
	MIN	73	76	79	77	75	74	70	74	76	74	76	75	75	76	72	75	76	75	73	72	74	74	70	72	75	76	72	72	73	71		74.1
. . .																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	90	90	89	90	91	89	90	89	90	89	89	84	88	88	87	88	90	88	90	88	90	90	90	88	87	90	91	89	91	89		89.1
	MIN	76	75	75	76	77	76	76	76	77	75	73	75	75	75	73	74	75	73	76	76	76	77	76	74	74	77	78	76	76	76		75.5
KWAJALEIN WSO AP	MAX	87	83	86	87	86	87	86	85	88	87	88	87	87	87	87	88	89	88	82	88	87	88	86	86	86	87	82	88	87	87		86.6
	MIN	75	73	76	74	76	80	76	76	77	80	79	78	75	77	80	80	80	77	75	78	80	79	77	75	76	75	73	75	75	76		76.8
LELE I. KUSAIE	MAX	90	90	87	89	88	88	88	89	88	90	91	91	88	88	86	88	90	90	88	87	88	87	88	88	87	86	90	88	90	90		88.5
	MIN	72	72	75	73	74	75	76	76	75	76	75	75	72	73	74	76	75	73	73	73	75	76	74	75	73	73	75	75	74	76		74.3
MAJURO WSO AP	MAX	85	86	80	87	86	87	87	82	86	86	87	87	83	85	86	87	86	87	85	86	87	85	84	87	85	86	83	84	84	86		85.4
	MIN	75	73	73	77	79	78	79	75	78	79	79	76	73	77	79	79	75	76	75	75	78	76	75	75	77	77	76	75	76	78		76.4
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	87	88	89	83	89	86	90	91	90	88	90	88	88	90	81	90	90	88	89	88	88	88	91	90	88	82	88	79	90	89		87.9
	MIN	73	72	73	73	72	73	73	72	72	73	73	72	71	73	74	71	74	72	70	72	72	72	73	73	73	73	73	72	73	70		72.4
TRUK, MOEN I. WSO AP	MAX	89	89	86	87	89	88	90	88	88	89	87	90	88	90	87	90	90	89	89	89	90	90	89	86	85	89	86	82	86	88		88.1
	MIN	74	75	74	73	75	75	75	75	75	75	74	75	74	76	75	75	76	75	75	78	76	76	76	76	74	74	76	73	73	74		74.9
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	88	86	86	86	87	87	87	88	88	88	86	85	88	89	86	88	86	88	88	86	88	88	89	88	89	89	88	86	88	88		87.4
	MIN	72	74	73	69	74	74	75	73	72	72	75	75	73	74	74	74	76	73	74	75	74	75	75	73	73	75	74	74	75	74		73.8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
HAWAII																																	
ISLAND OF KAUAI																																	
LIHUE WSO 1020.1 AP	EVAP	.40	.30	.29	.29	.14	.31	.33	.26	.45	.23	.20	.40	.35	.27	.37	.34	.23	.21	-	.17	-	.20	.21	.27	.31	.31	.30	.20	.28	.33		8.52B
	WIND	131	93	86	76	72	76	136	142	150	90	142	140	133	135	[illegible]	107	77	75	57	56	70	66	68	135	155	153	132	52	126	163		3192
	MAX	88	90	94	91	91	93	91	91	90	88	92	91	90	88	91	90	91	88	88	78	91	90	91	88	90	88	88	89	90	89		89.6
	MIN	67	66	65	64	65	65	68	69	69	67	72	69	68	68	65	64	65	65	64	64	65	66	66	66	68	68	66	66	68	67		66.5
ISLAND OF OAHU																																	
HONOLULU OBSERV 702.2	EVAP	.30	.30	.24	.27	.24	.18	.26	.30	.34	.14	.26	.26	.20	.31	.30	.25	.25	.26	.18	.22	.24	.23	.19	.21	.24	.21	.25	.16	.21	.21		7.21
	WIND	33	31	30	22	27	20	24	28	28	17	25	27	23	26	27	31	28	23	23	26	23	22	23	25	28	25	[illegible]	18	19	25		751
	MAX	93	95	94	96	96	95	94	93	94	90	91	92	91	94	91	91	90	92	89	90	95	94	95	94	91	90	91	92	93	89		92.5
	MIN	67	69	69	69	68	68	67	67	68	69	68	67	67	68	67	67	68	68	68	67	68	68	67	68	67	67	68	68	68	65		67.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
PACIFIC																																	
▪ ▪ ▪ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.41	.21	.22	.45	.37	.46	.43	.39	.25	.27	.22	.41	.42	.35	.34	.39	.13	.35	.43	.38	.34	.29	.26	.25	.26	.34	.33	-	-	.34		9.958
	WIND	203	178	181	177	205	227	237	218	289	170	152	199	195	208	169	186	224	164	184	180	161	106	158	177	177	122	127	170	204	214		5562
	MAX	93	90	95	95	94	95	92	93	88	95	92	91	90	91	92	90	86	92	90	90	92	91	85	89	94	93	94	88	92	90		91.4
	MIN	74	75	75	75	74	74	74	74	74	75	75	73	74	75	74	73	74	74	73	74	73	74	75	75	75	74	74	74	74	75		74.2
▪ ▪ ▪ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.34	.10	.22	.18	.23	.14	.13	.13	.16	.14	.24	.13	.17	.15	.30	.28	.20	.14	.23	.07	-	.20	.20	.18	.34	.10	.17	.23	.14	.18		5.618
	WIND	36	26	48	68	88	51	35	22	34	41	18	26	42	18	39	44	39	28	49	41	43	38	42	55	24	18	40	16	19	25		1113
	MAX	97	93	95	93	90	89	90	89	90	91	87	94	93	88	93	94	93	92	92	86	88	98	93	97	91	92	97	91	92	93		92.0
	MIN	74	74	73	73	72	71	72	71	72	72	72	72	71	72	71	71	74	74	72	73	71	74	75	73	74	74	75	74	73	73		72.7

SEE REFERENCE NOTES ON GRAND STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
		2161						-		7A			
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086A		2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	MID	MID	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	LIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
		8205						-		8A			
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1055	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
HOKULOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
		2842						-					
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			U S COAST GUARD
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KAUNAKAKAI 536	A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH. LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT		2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		0C			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
HAINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 148		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2834	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450		8A		C	GREENWELL RANCH
KEANAKOLU CAMP 124.2		4158	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEOMUKU 182.1	A	4249	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA R & M 1 1 1	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA AGRICULT 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKUIHAELE 222		4819	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE 1	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII												
KUKUIHAELE MILL 206 A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER
KULANI MAUKA 76 A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82 A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2	9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6	9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
▪GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- \+ And also on an earlier date or dates.

- ++ Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-EASTERN 5-NORTH CENTRAL MOLOKAI 1-(NO INTRA-ISLAND DIVISIONS) LANAI 1-(NO INTRA-ISLAND DIVISIONS) MAUI 1-SOUTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

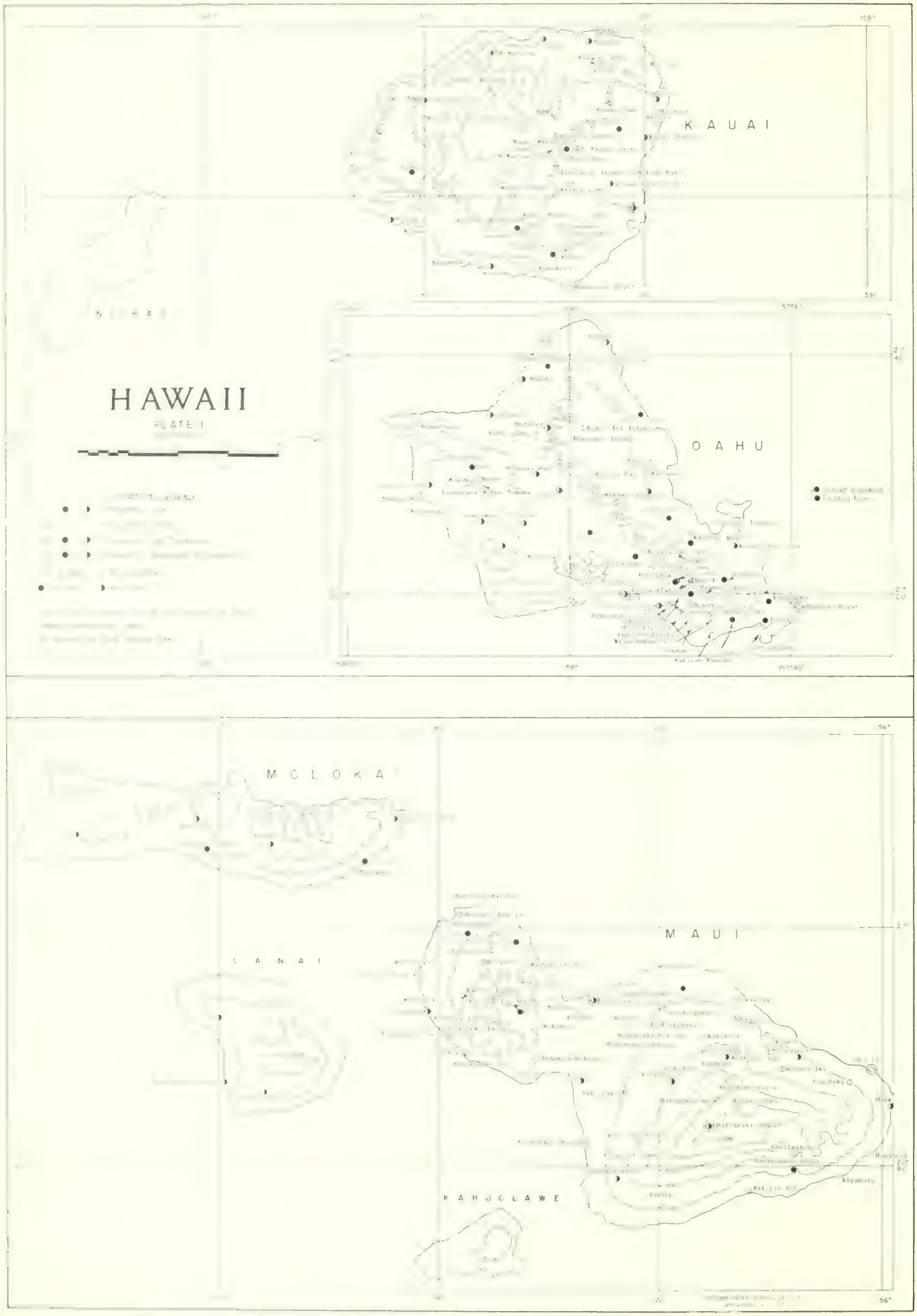
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

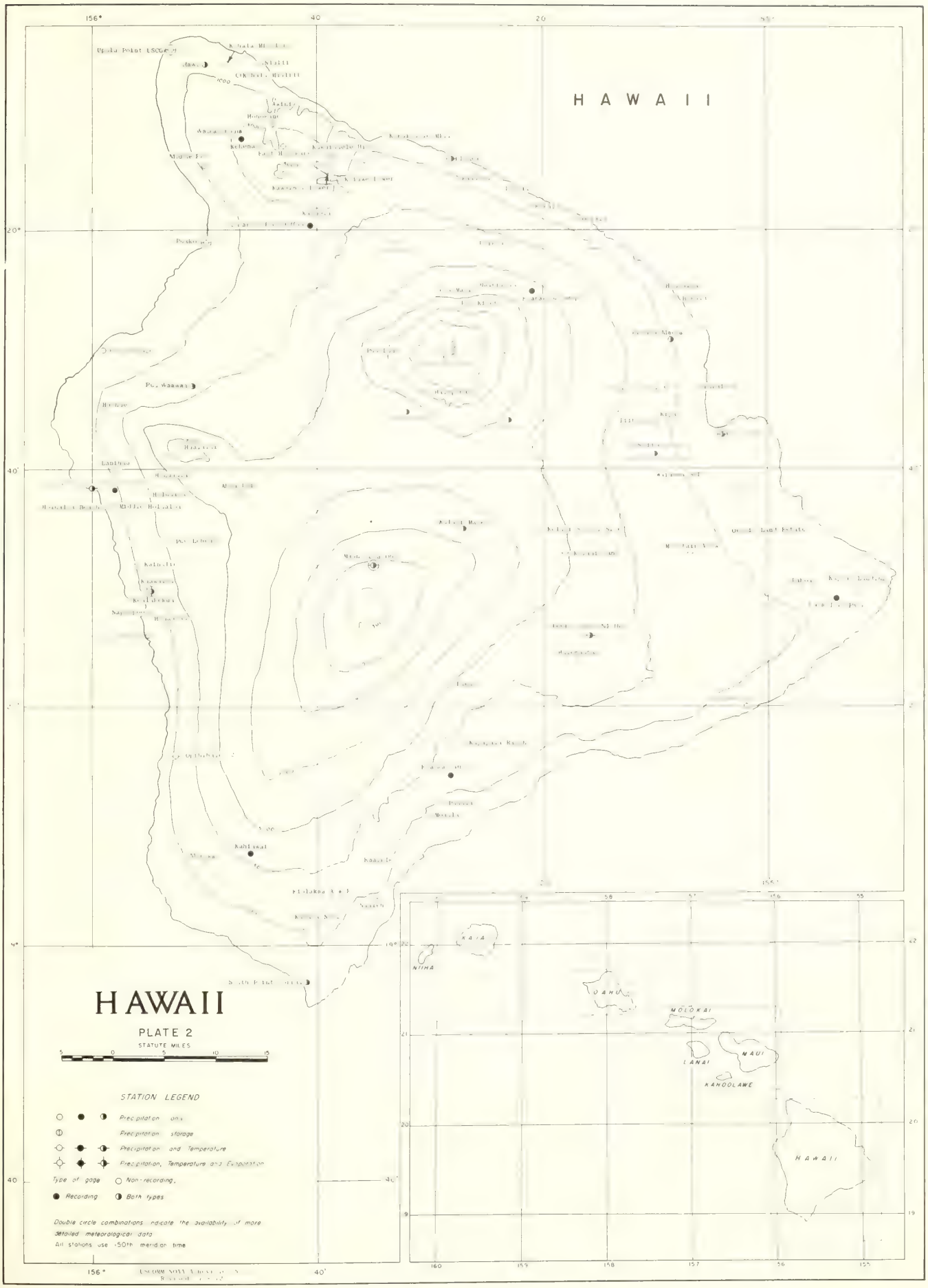
Subscription Price: $4.50 a year for each section including annual summary; $4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications

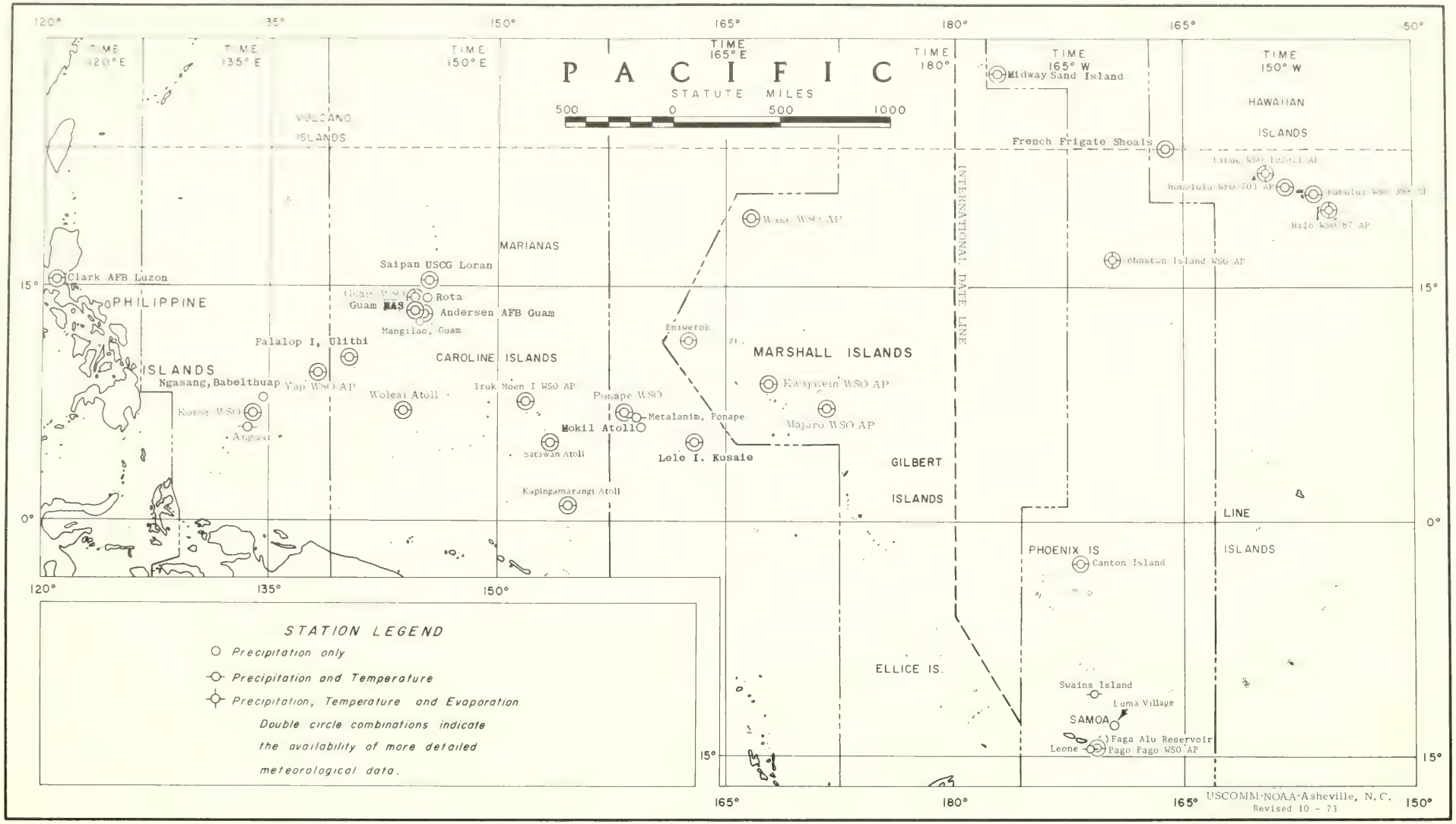
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

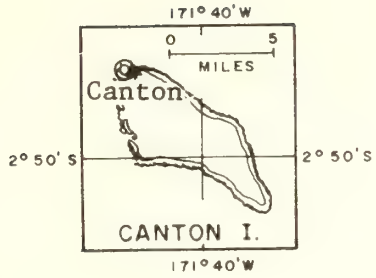
William H. Haggard
Director, National Climatic Center

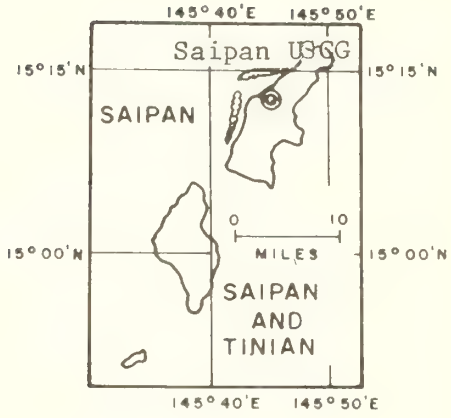
USCOMM-NOAA-ASHEVILLE, N.C. 1/8/75-1100

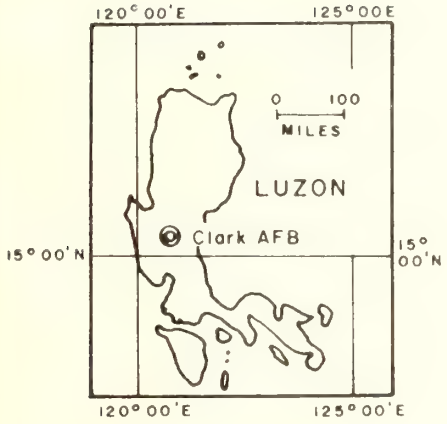

KAUAI
NIIHAU
HAWAII
PLATE I
OAHU
MOLOKA
LANAI
MAUI
KAHOOLAWE

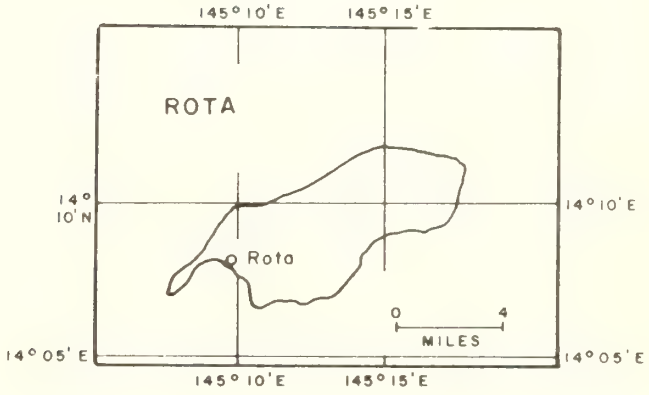

HAWAII
HAWAII
PLATE 2
STATE MILES
5 0 5 10 15
STATION LEGEND
Precipitation only
Precipitation storage
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Type of gage
Non-recording,
Recording
Both types
Double circle combinations indicate the availability of more detailed meteorological data
All stations use 150th meridian time
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

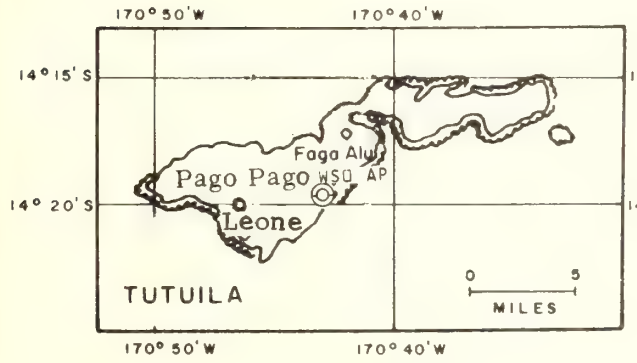

P A C I F I C
STATUTE MILES
500 0 500 1000
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Guam WSO
Guam NAS
Rota
Andersen AFB Guam
Mangilao, Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
Ngasang, Babelthuap
Yap WSO AP
CAROLINE ISLANDS
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satowan Atoll
Kapingamarangi Atoll
Lele I. Kusaie
Enniwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
ELLICE IS.
INTERNATIONAL DATE LINE
Midway Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Wake WSO AP
Johnston Island WSO AP
Hilo WSO 87 AP
PHOENIX IS
Canton Island
LINE ISLANDS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

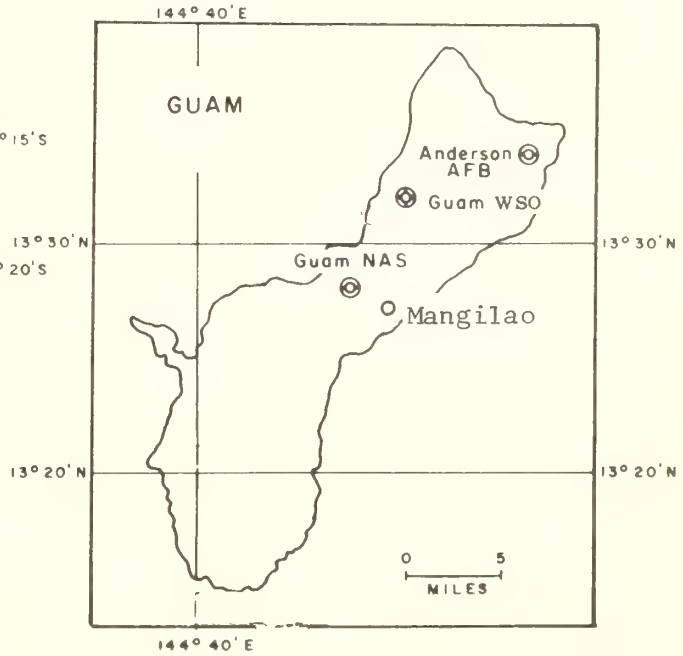

171° 40' W
0 5
MILES
Canton
2° 50' S
2° 50' S
CANTON I.
171° 40' W


145° 40' E
145° 50' E
Saipan USCG
15° 15' N
15° 15' N
SAIPAN
0 10
MILES
15° 00' N
15° 00' N
SAIPAN
AND
TINIAN
145° 40' E
145° 50' E

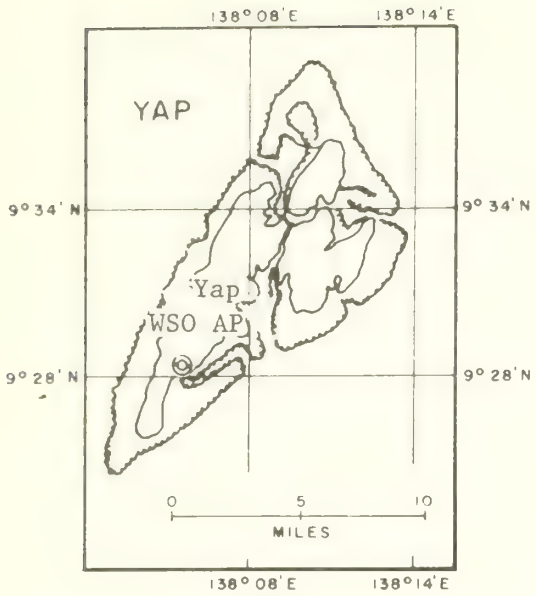

120° 00' E
125° 00' E
0 100
MILES
LUZON
Clark AFB
15° 00' N
15° 00' N
120° 00' E
125° 00' E

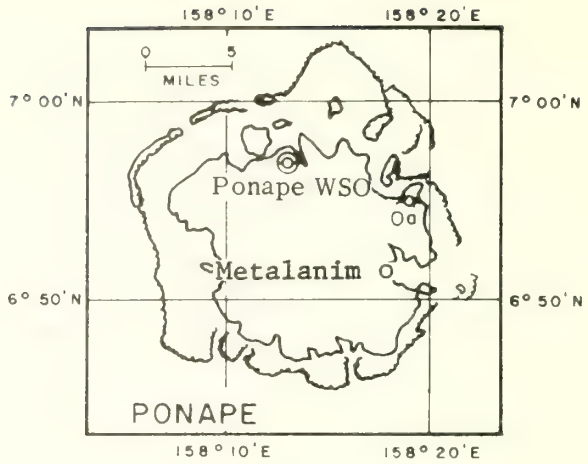

145° 10' E
145° 15' E
ROTA
14° 10' N
14° 10' E
Rota
0 4
MILES
14° 05' E
14° 05' E
145° 10' E
145° 15' E

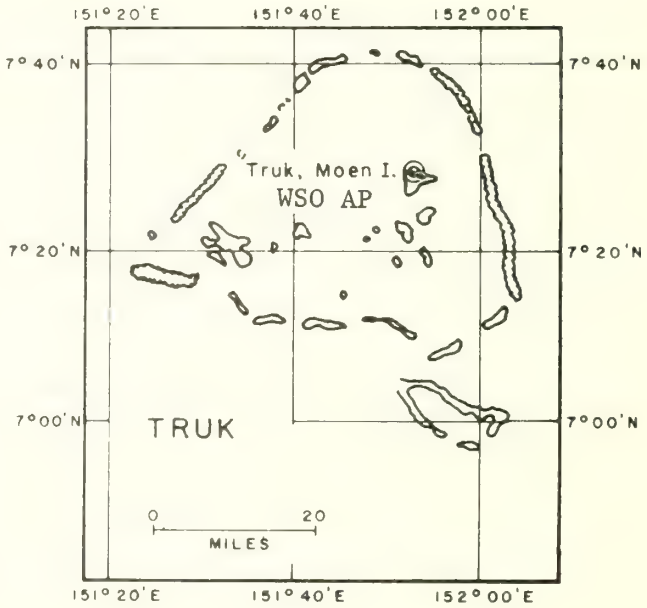

170° 50' W
170° 40' W
14° 15' S
14° 15' S
Faga Alu
Pago Pago WSO AP
14° 20' S
14° 20' S
Leone
TUTUILA
0 5
MILES
170° 50' W
170° 40' W

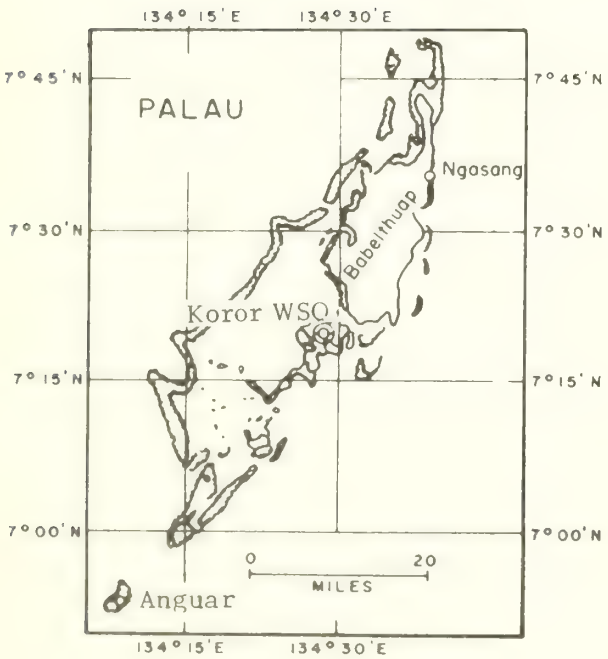

144° 40' E
GUAM
Anderson AFB
Guam WSO
13° 30' N
13° 30' N
Guam NAS
Mangilao
13° 20' N
13° 20' N
0 5
MILES
144° 40' E

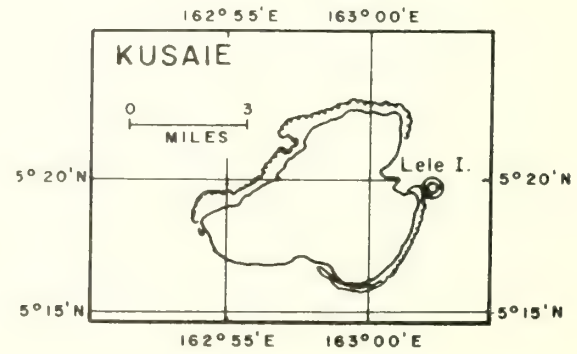
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

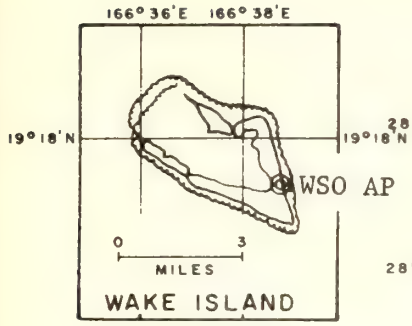

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

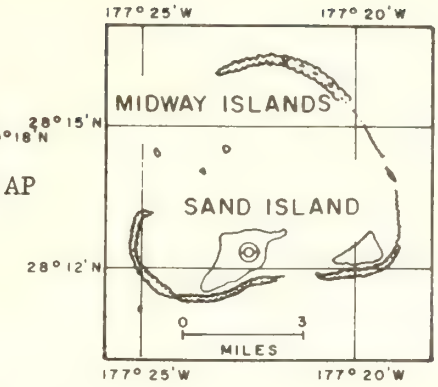

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

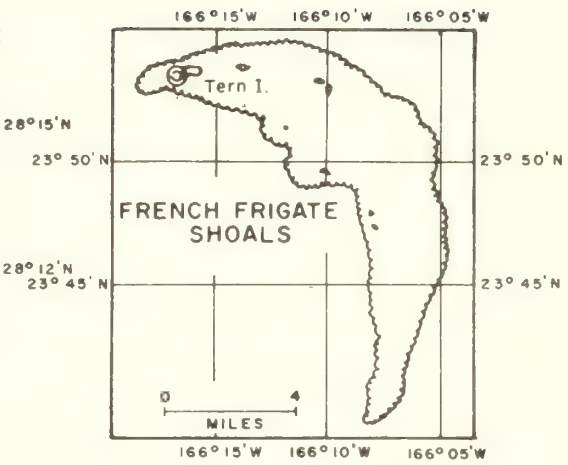

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

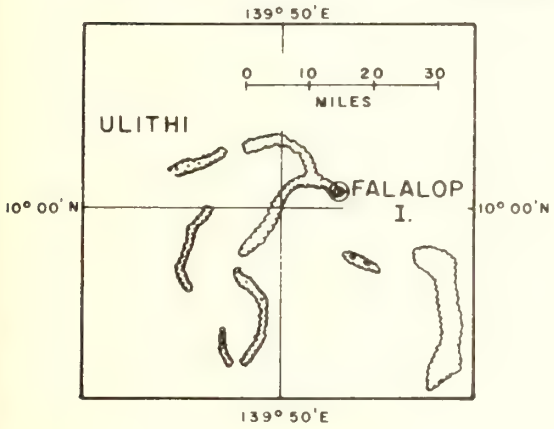

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

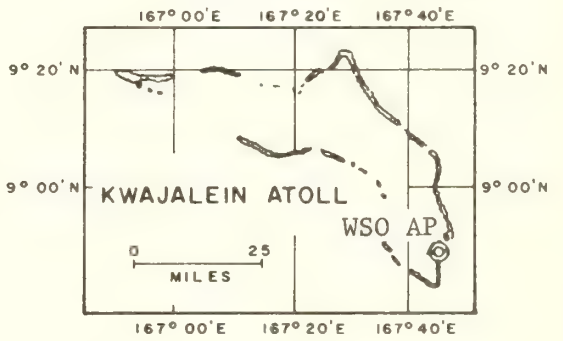
— Reef

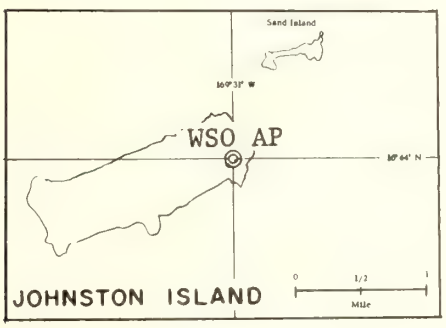

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

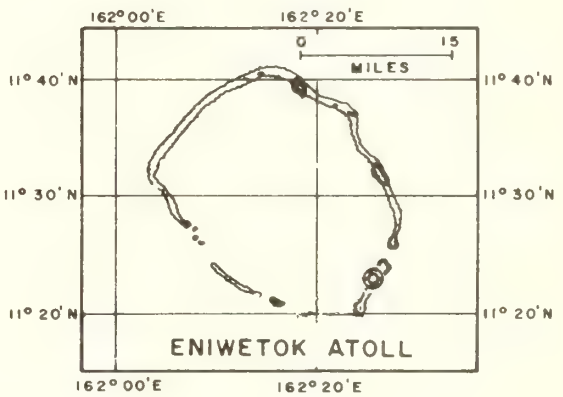

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

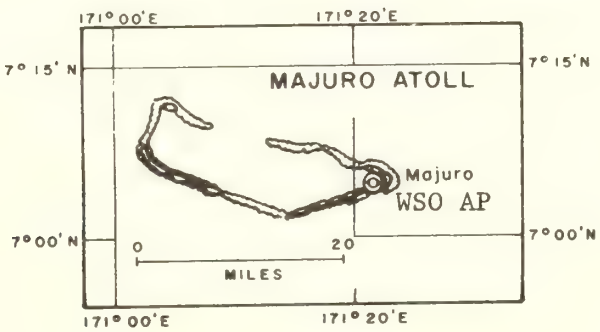

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE
SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

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THIRD CLASS



OCTOBER 1974 VOLUME 70 NUMBER 10

CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	LAHAINA 361	MAUI	93	DATE 02
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	32	DATE 18+
GREATEST TOTAL PRECIPITATION:	MOUNT WAIALEALE 1047	KAUAI	22.12	
LEAST TOTAL PRECIPITATION:	2 STATIONS		.00	
GREATEST 1 DAY PRECIPITATION:	PAUOA FLATS 784	OAHU	5.58	DATE 27

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SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	STANDARD OF TIME GREENWICH CIVIL 12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	24	E	30		78	81	93	1	6	13	6	2	0	28	78	
HILO, HAWAII, WSO AP	15	1.7	6.3	20	NW	19	85	79	64	82	2	11	9	3	0	1	26	40	7.4
HONOLULU, OAHU, WSO AP	6	8.6	10.2	26	NE	26	76	70	56	71	11	4	3	1	1	0	20	65	5.4
JOHNSTON ISLAND WSO AP	8	15.7	16.4	29	E	30	78	77	70	77	13	8	2	0	0	0	23	71	5.5
KAHULUI, MAUI, WSO AP	6	10.9	12.5	33	NE	23	76	69	55	68	1	2	2	1	0	0	6	74	4.3
KOROR WSO AP	24	2.9	6.8	26	SW	26	89	-	80	77	0	9	8	6	4	3	30	33	9.8
KWAJALEIN WSO AP	9	8.7	10.9	29++	10	31	81	82	76	80	4	6	8	5	5	0	28	-	9.0
LIHUE, KAUAI, WSO AP	7	9.2	11.6	22	NE	30	77	75	67	74	3	13	5	2	0	0	23	67	5.9
MAJURO WSO AP	9	5.8	7.6	26	E	03	81	83	75	81	5	4	12	5	2	2	30	43	9.1
PAGO PAGO WSO AP	9	11.2	12.0	32	E	04	82	80	69	77	8	8	8	1	0	0	25	72	6.3
PONAPE WSO AP	-	-	-	18	SE	09	92	-	78	81	1	1	15	6	5	1	29	44	8.7
TRUK,MOEN I. WSO AP	12	3.0	6.6	34	SE	02	87		77	78	2	8	8	2	5	3	28	52	9.8
WAKE WSO AP	7	16.2	16.7	28	E	12	83	85	70	78	2	16	6	0	1	0	25	39	5.5
YAP WSO AP	24	0.7	6.7	25	SW	26	90	-	80	79	2	6	7	6	5	2	28	63	9.3

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1974

STATION		TEMPERATURE								NO. OF DAYS				PRECIPITATION								
										MAX.		MIN.						SNOW, SLEET			NO. OF DAYS	
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS				TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
[illegible]																						
• • •																						
[illegible] OF MAUI																						
[illegible] 1114	H													2.18		.50	4	.0	0		1	0
[illegible] 1075		72.6	51.7	63.2		75	22•	47	17	0	0	0	0	1.06		.26	6	.0	0		0	0
KAPAA STABLES 1104	A													2.70		.60	4	.0	0			0
[illegible] FIELD 17 1135	H																	.0	0			
[illegible] POINT 1143																		.0	0			
[illegible] 936	A													6.19		2.40	4	.0	0			1
LIHUE WSO 1020.1 AP	R	84.1	74.4	79.3	2.0	86	30•	73	21•	0	0	0	0	2.94	- .90	.99	3	.0	0		0	0
[illegible] 1026		88.5	67.6	78.1	1.4	91	31•	62	6	4	0	0	0	3.63	1.82	1.22	4	.0	0		0	0
N WAILUA DITCH 1051	A													11.02		1.77	16	.0	0			
[illegible] WAINIHA 1115														3.45	- 5.48	.87	15	.0	0			0
[illegible] RIDGE 1140																						
[illegible] 340	H													2.16	- .61	.71	3	.0	0		0	0
[illegible] 1054														2.85	- .06	1.88	4	.0	0		1	1
[illegible] 347		83.0	65.9	74.5		87	2	61	1	0	0	0	0	9.78	.61	2.00	4	.0	0		16	5	2
[illegible]														.91	- .93	.47	16	.0	0		2	0	0
[illegible] ISLAND				73.8										4.07				.0				
• • •																						
[illegible] ISLAND OF OAHU																						
[illegible] [illegible] [illegible]		85.7	72.8	79.3		87	16•	67	2	0	0	0	0	4.12		1.47	19	.0	0		9	3	1
[illegible] [illegible] 702.2														3.07		1.64	4	.0	0		3	2	1
[illegible] WSO 703 AP	R	87.1	71.9	79.5	.6	90	15	68	18•	1	0	0	0	2.77	1.26	1.30	27	.0	0		5	2	1
KANEOHE MAUKA 781		84.9	72.3	78.1	2.2	86	18•	70	21•	0	0	0	0	5.77	.93	1.99	28	.0	0		10	4	2
[illegible] DAM 833	H													11.96		1.72	19	.0	0		20	9	3
LUALUALEI 804	A	86.2M	69.7M	78.0M		89	11	64	14	0	0	[illegible]	[illegible]	[illegible]				.0	0			0
[illegible] POINT 724																						
NUUANU RES 4 783														11.36		4.12	27	.0	0		17	3	2
OPAEULA 870	A	83.7	67.7	75.7	3.4	88	15•	64	9	0	0	0	0	3.33		1.00	28	.0	0		7	3	1
PALOLO VALLEY 718	R													11.30	.90	3.22	27	.0	0		19	7	2
[illegible] WAHIAWA 820.2	A	85.8M	65.8M	75.8M		92	14	61	18		0	0	0	2.98				.0	0			
WAHIAWA DAM 863	A													2.21				.0	0			
WAIAHOLE 837	A													8.96				.0	0			
WAIALEE 896.3		86.5M	72.6M	79.6M		93	1	70	11	1	0	0	0	1.97		.25	19	.0	0		8	0	0
WAIALUA 847	H	87.1	67.3	77.1	1.8	91	5	64	12•	3	0	0	0	1.36	- .91	.63	28	.0	0		3	1	0
WAIKIKI 717.2		86.9M	70.0M	78.5M		89	20	66	18•	0	0	0	0	3.23		1.05	28•	.0	0		5	3	2
[illegible] EXP FARM		85.2	72.3	78.8		87	15•	70	21•	0	0	0	0	4.63		1.51	28	.0	0		5	2	2
WAIPAHU 750	A													2.27				.0	0			
[illegible] ISLAND				78.0										4.99				.0				
• • •																						
[illegible] ISLAND OF MOLOKAI																						
KALAE 534	A																					
MAPULEHU 542														1.34		.72	16	.0	0		1	0
[illegible] 511	A																	.0	0			
MOLOKAI AP 524		85.1	69.3	77.2		90	1	64	17	1	0	0	0	1.25		.42	16	.0	0		0	0
[illegible] ISLAND				77.2										.69		.30	19	.0	0		3	0	0
														1.09				.0				
• • •																						
ISLAND OF LANAI																						
LANAI CITY 672	A	78.8	63.9	71.4	.5	88	21	58	4•	0	0	0	0	3.82	1.34	2.50	16	.0	0			1
[illegible] ISLAND				71.4										3.82				.0				
• • •																						
ISLAND OF MAUI																						
HALEAKALA B E S 434	A													6.44		2.08	28	.0	0		5	3	3
HALEAKALA RS 338		64.7	45.4	55.1	.1	71	24•	39	17	0	0	0	0	4.11	.48	1.25	27	.0	0		8	3	2
HANA AIRPORT 355		83.8	70.6	77.2		89	7	67	14	0	0	0	0	6.10		1.85	19	.0	0		17	3	1
MONOKOHUA 493	A													2.14				.0	0			
[illegible] AIRPORT																		.0	0			
KAHULUI WSO 398 AP	R	87.2	68.8	78.0	.7	90	6•	61	11•	5	0	0	0	1.57	.49	.95	27	.0	0		3	1	0
[illegible] 442		79.9M	66.7M	73.3M	.7	82	21•	65	22•	0	0	0	0	6.87	- 3.20			.0	0			
[illegible] 445	H													12.20				.0	0			
[illegible] 448														5.13	- 2.26	1.08	12	.0	0		15	3	1
KULA SANATORIUM 267		74.6	54.6	67.1	1.1	80	7	57	26	0	0	0	0	2.26	.35	1.50	19	.0	0		3	1	1
[illegible] 361		69.5	70.2	79.9	2.9	93	2	68	25•	15	0	0	0	.32	.58	.32	28	.0	0		1	0	0
PAIA 406														2.07	- .12	.94	28	.0	0		5	1	0
[illegible] [illegible]	A	84.0M	71.9M	77.8M	.9	87	7•	69	21•	0	0	[illegible]	[illegible]	1.24	- .62			.0	0			
ISLAND				72.6										4.29				.0				
• • •																						
[illegible] ISLAND OF HAWAII																						
MAINA 214		82.8	68.7	75.9	1.5	85	16•	66	25•	0	0	0	0	5.29	.17	2.58	27	.0	0		7	3	1
HAWAII VOLCNS NP HQ 54		70.4	54.6	62.5	.1	76	14	52	20•	0	0	0	0	6.96	.07	2.71	27	.0	0		13	2	1
[illegible]	R	[illegible]	68.4	76.9	1.4	83	2	65	17	1	0	0	0	6.65	- 4.31	2.21	27	.0	0		13	4	1
[illegible] 12 1	A													10.20				.0	0			

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
OCTOBER 1974

STATION		TEMPERATURE													PRECIPITATION								
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																							
KAINALIU 73.2		78.9	63.7	71.3		81	31	61	21		0	0	0	0	10.40	5.04	4.42	16	.0	0				
KEAAU 92		82.4	66.1	74.3		85	21	61	19		0	0	0	0	7.89		2.47	27	.0	0		15	5	2
KONA (KAILUA) 68.3	A	85.3M	70.6M	78.0M		87	22+	68	21+		0	0	0	0	3.21		2.06	16	.0	0				1
KUKUIHAELE HIC 199															5.56	- .02	2.10	27	.0	0		10	2	2
KULANI CAMP 79		65.2	49.3	57.3		69	22+	42	17		0	0	0	0	9.18		4.15	27	.0	0		19	3	2
PAHALA 21	A	82.6M	63.9M	73.3M	.2	85	24+	62	28+		0	0	0	0	6.52		2.30	19	.0	0		8	4	3
POHAKULOA 107	A														2.40				.0	0				
PUAKO 95.1	A	84.6	70.0	77.3		87	10	67	20+		0	0	0	0	1.16		.87	15	.0	0		2	1	0
PUU WAAWAA 94.1	A														2.76				.0	0				
UMIKOA 118															4.19	- .55			.0	0				
WAIAKEA SCO 88.2															11.88		3.61	27	.0	0		16	5	4
ISLAND				71.9											6.28				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE											PRECIPITATION								
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	0 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																							
EAST OF 180TH MERIDIAN																							
JOHNSTON ISLAND		91.0	76.5	83.3		94	11+	74	28+		25	0	0	0	.21		.15	24	.0	0		1	0	0
KAUAI RESERVOIR															7.26		.90	5	.0	0		22	6	0
JOHNSTON WSO AP	R	84.7	77.6	81.2		86	12	72	20		0	0	0	0	.98		.29	24	.0	0		2	0	0
LEONE															7.00		1.38	22	.0	0		14	4	3
FRENCH FRIGATE SHOALS																			.0	0				
LIHUE															5.80		1.37	12	.0	0				
MIDWAY SAND ISLAND		81.6	71.6	76.6	1.0	87	31	62	21		0	0	0	0	.71	- 3.05	.28	18	.0	0		2	0	0
PAGO PAGO WSO AP	R	85.8	75.7	80.8	1.4	89	28	72	23+		0	0	0	0	2.44	- 9.66	.53	4	.0	0		9	1	0
SWAINS ISLAND																								
WESTERN PACIFIC ISL. NORTH OF 12 N																								
ANDERSEN AFB GUAM		84.0	77.0	80.5	.5	87	21	73	2		0	0	0	0	12.17	- 1.86	2.07	16	.0	0		22	7	4
CLARK AFB LUZON		88.7	75.4	82.6	2.2	95	15+	72	29+		17	0	0	0	12.88	7.41	6.71	17	.0	0		11	6	3
GUAM NAS		87.0	79.0	83.0	2.2	91	5	76	28+		2	0	0	0	11.08	- 2.06	2.42	23	.0	0		20	8	3
GUAM WSO	R	86.0	73.4	79.7	.8	88	17+	1	27+		0	0	0	0	10.00	- 4.40	1.80	19	.0	0		21	8	2
MANGILAO															13.63		2.72	23	.0	0		22	10	3
ROTA																			.0	0				
SAIPAN USCG LORAN																			.0	0				
WAKE WSO AP	R	87.1	75.5	81.3	- .3	89	3	73	22+		0	0	0	0	3.18	- 2.27	1.04	22	.0	0		7	1	1
WEST OF 180TH MARSHALL ISLANDS																								
ANGUAR															23.49	12.13	3.15	6	.0	0		20	12	10
ENIWETOK																			.0	0				
FALALOP I. ULITHI																			.0	0				
KWAJALEIN WSO AP	R	86.1	77.2	81.7	.7	89	15	74	12+		0	0	0	0	12.62	.65	1.67	12	.0	0		18	10	5
LELE I. KUSAIE		88.7M	74.1M	81.4M	- .3	92	27+	70	10		13	0	0	0	14.61	.94	2.16	10	.0	0		17	10	7
MAJURO WSO AP	R	85.5	76.5	81.0	- .3	87	24+	74	28+		0	0	0	0	19.90	3.90	8.39	19	.0	0		21	9	4
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP																			.0	0				
PONAPE WSO	R	87.3	72.9	80.1	- .1	91	14	70	19		8	0	0	0	17.30	.88	2.70	23	.0	0		27	12	6
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	87.4	75.3	81.4	.3	90	1	71	2		1	0	0	0	20.14	6.75	3.71	21	.0	0		18	10	8
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.5	74.5	80.5	- .9	89	6	72	29+		0	0	0	0	19.11	6.69	4.08	12	.0	0		20	13	7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																
x x x																																
ISLAND OF KAUAI																																
AMAHOLA 1114	A	2.18				.50	x	x	.11	.12	06	06	.02	x	x		.26	.30	.05	.03	35	x	x	.10			11		x	x	.10			02
BRYDESWOOD STA 985	A	6.46			.03	3.31	x	x	1.07	22	.16	.06	03	x	x		01	.06	41	.02	.02	x	x	.14			.05		x	x	.50	.11	05	20
EAST LAWAI 934	A	7.08		.06	.11	3.74	x	x	.50	31	.26	.02	.08	x	x		.11	.14	.35		.24	x	x	.40			.10	.01	x	x	.31	.16	.04	12
ELEELE 927	A	2.95			.06	.42	x	x	1.89	03	.02		.02	x	x		01	.02	.18		.03	x	x	.07			.03		x	x	.11	T	.03	03
WAIALULA 1110	A	2.27				.50	x	x	.20	.07	.05	.06	.04	x	x		.15	.25	.07	.02	.38	x	x	.07	.03		.07		x	x	.20	.03	.04	03
WAIEMANAHO 1006	A	7.62		.03	.04	3.82	x	x	.36	.29	.09	.18	.11	x	x		.26	.25	.45	.03	.07	x	x	.16			.22		x	x	.53	.23	.14	18
WAIKIPO 945		1.48				.52	x	.68											.28													
WAILUILUA INTAKE 1050	A	11.43	.02	.07	.02	1.42	x	x	1.30	.53	.38	.30	.28	x	x		.39	.73	1.05	.48	.46	x	x	.95	.09	.05	.10	.04	x	x	1.83	.43	.23	28
INTAKE WAIMINA PC 1086	A	4.94	x	x	x	x	x	x	1.14	x	x	x	.51	x	x	1	.90	x	x	x	x	x	x	.53	x	x	.04	x	x	x	.82	x	x	x
KAMALOHULUHULU 1075		1.06		.02	.04	.08	.15	.26	.03	.08	.01		.02				.08	.10	.04	.02					.04			.01			.03	.04	.02	.01
KANEHA RESERVOIR 1092	A	5.58	.06	.10		.75	x	x	.82	.35	.20	.20	.15	x	x		.43	.40	.35	.15	.30	x	x	.40	.09		.15	.06	x	x	.40	.15	.03	.06
KAPAA STABLES 1104	A	2.70		.05		.60	x	x	.50	.10	.10		.15	x	x		.22	.30	.13		.12	x	x	.10					x	x	.22	.03		.08
KEALIA 1112	A	2.06				.57	x	x	.19	.06	.04	.15	.03	x	x		.10	.32	.04	.02	.15	x	x	.05	.07		.04	x	x	x	.15	.03		.05
KEKAHA 944		.92			.03	.58	.24		.01										.03	.03												
KILAUEA 1134	A	2.81		.05					.20	.22	.11	.02					.23	.55	.50		.06	.10		.12			.01				.28	.25	.01	.10
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOLO 1033		.39				.15	.24																										
KOLOA 936	A	6.19		.03	.20	2.40	x	x	.55	.03	.03	.18	.27	x	x		.27	.17	.27	.03	.24	x	x	.79			.10		x	x	.31	.14	.10	.08
KOLOA MAUKA 984	A	8.38	.18	x	x	x	x	x	x	5.36	x	x	x	x	x		x	.68	x	x	x	x	x	x	.90	x	x	x	x	x	x	1.26	x	x
KOLOKO RES 1137	A	2.76	x	x	x	.56	x	x	x	x	x	x	.73	x	x		x	x	x	x	1.20	x	x	x	x	x	x	.27	x	x	x	x	x	x
KUKUIOLA 935	A	4.91		.04	.01	2.60	x	x	.31	.08	.03		.14	x	x		.03	.47	.33		.06	x	x	.37			.08		x	x	.22	.04	.01	09
LIHUE VARIETY STA	A	7.76			.77	2.33	x	x	.81	.38	.16	.11	.19	x	x		.43	.57	.30	.20	.37	x	x	.58		.04	.09	.07	x	x	.20	.11	.01	01
LIHUE 1020	A	4.56			.34	2.22	x	x	.60	.06	.03		.02	x	x		.26	.13	.13	.08	.17	x	x	.02		.03	.07	.01	x	x	.22	.03	.02	.12
LIHUE WSO 1020.1 AP	A/R	2.94			.99	.90			.01	.02	.01	.06	.01	.08	T	.14	.01	.06	.03	.05			.13			.11		T	T	.11	.03	.01	.12	.17
MAHAHUENA POINT 940.1		-	-	-	-	-	-	-											.07	.03	.07											
MAKAWELI 965	A	1.15				.35	.40	.11		.01	.01								.04		.04												
MANA 1026		3.63		.03	.33	1.22	.29	.56										.16		1.00												
MOHIHI UPR CROSS 1083	A	2.00			.08	.56			.16	.08		.08					.24	.32				.08						.08	.08		.08	.16	
MOLOAA 1145	A	-	-	-	-		-		-	-	-	-	-	-	-		.05	x	.19	x	.55	x	x	.02	x	.02	x	.01	x	x	.09	x	.04	x
MOUNT WAIALEALE 1047	R	22.12	.12		.04	1.10	.83	.87	1.38	1.93	.91	.63	.24	.24	.20	1.69	1.34	.63	.12	.28	.08	.12	.04	.32	.63		.04	.51	1.89	4.25	.67	.51	.61
NIU RIDGE 1035		2.98		.25	.03	1.21	.78											.09		.62												
N WAILUA DITCH 1051	A	11.02	.02	.24	.21	.68	x	x	1.70	.64	.62	.04	.17	x	x		.76	.28	1.77	.37	.30	x	x	.37	.06	.05	.13	.07	x	x	1.54	.72	.17	11
PH WAIMINA 1115		3.45				x	x		.72	.30	.16	.08	.01				.41	.87	.12		.05	x	x	.14		T		x	x	x	.46	.08	.01	06
PRINCEVILLE RANCH 1117		2.72											.60	x	T		.34	.59	.33		.09	x	x	.18		.03		.02	x	x	.23	.19	.03	09
PUEHU RIDGE 1040		2.16			.71	.58	.47											.20	.20														
PUHI 1013	A	3.55			.07	1.54	x	x	.13	.12	.05		.02	x	x		.09	.25	.05		.17	x	x	.85			.01		x	x	.14	.01	.01	04
WAHIAWA 930	A	2.85		.02		1.08	x	x	.23	.06	.06	x	x	x	x		.05	.04	.14		.03	x	x	.08			.05	x	x	x	.11	T	.02	08
WAIAHI LOWER 1054		9.78	.02	.09	.37	2.00	.78	.06	.07	1.03	.36	.16	.24	.09	.05	.08	.48	.84	.47	.48	.28	.37		.02	.02	.13	.05	.03	.09	.84	.20	.06	.02
WAIAHI UPPER 1052		12.32	.07	.23	.25	1.11	1.26	.13	.16	1.62	.64	.39	.31	.11	.08	.25	.59	1.25	.22	.79	.49	.66	.03	.11		.18	.02	.07	.16	1.10	.62	.06	.07
WAIAWA 943		1.68			.13	1.36	.19																										
WAILUA KAI 1065	A	4.77				1.81	x	x	.71	.31	.02	.04	x	x	x	.31	.34	.17	.13	.20	x	x	.50			.10	x	x	x	.10	.03			
WAIMEA 947		.91				.44												.47															
WEST LAWAI 931	A	3.23		.22	.03	1.27	x	x	.18	.11	.10	T	.07	x	T	.03	.15	.28	T	.06	x	x	.28			.07	x	x	x	.21	.06	.01	10
x x x																																
ISLAND OF OAHU																																
BERETANIA PUMPING STA		5.81	T		1.22	1.38			.03	.07	.14		.02							.90		.44	.04		.01		.40	T			1.20	.02		.03
CAMPBELL IMD PR 702.5		1.56			.18	.29	.05	T											T		.08	.06						T	T		.90			
CAMP 84 807	A	-	-	-	-	-	-	-														-	-	-									
CHURCH COLLEGE LAIE		4.12	.21			T				.66	.03			.03	.09	.04	.11	.02	.03	.20	1.47	.23	.52						.02	.15	T	.08	.09	.14
COCONUT ISLAND 840.1		3.76	.04		.05	.25	.04			.01			.02	.03			.14	.27	.03	.08	1.42		.31			.05					.67		.15
EWA PLANTATION 741	V	2.07	x	x	.06	.67																.42	x	x	x	x	x	x	x	x	.92			
HELEMANO INTAKE 881	A	5.24	x	x	x	x	x	x	1.74	x	x	x	.07	x	x	.04	x	x	.18	x	x	x	.19	x	x	x	x	x	x	1.40	x	x	.64
HOKULOA 725.2	A	3.95	.03	x	x	x	x	x	.90	x	x	x	x	x	x	x	.02	x	x	x	x	1.36	x	x	x	x	x	x	x	x	1.64	x	x
HONOLULU OBSERV 702.2		3.07			.05	1.64	T				T							.07			.33	T			T					.97	.01		
HONOLULU WSO 703 AP	R	2.77		.10	.65			T	.04		.01						.34			.04	.26	.03	T	T		T	T	T	T	T	T	T	T
HONOLULU SUBSTA 704	R	4.49		.86	1.45				.08							.01	.62				.12	.19	.04							1.12			
H S P A EXP STA 707		4.26	T		.60	.94		.01	.03	.05	.10	.02	.05						.90		.02	.31	.10		.03	T	T	T			.01	1.01	.03	.01	04
KAENA POINT 841.3		x	x	x	.10	.01	x	x	.05	x	x	x	.06	x	x	x	x	.07	T	x	x	x	x	.40	x	x	x	x	x	x	x	x	x	x
KAHANA 883	A	19.70	x	x	x	x	x	x	1.36	x	x	x	x	x	x	5.40	x	x	x	x	x	x	x	8.34	x	x	x	x	x	x	4.60	x	x	x
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 781.3		7.62				.42		x	.07	x	1.10	1.10	1.50				.23	2.20				.03	09	.03	.03	.01			.01	.01	70	08		01
KALIHI RES SITE 777	R	11.30	.12	02	.46	.02	.04	22	14	24	.12	.08	.04	.26	.06	62	1.38	.14	02	1.06	.08	28	02	.02	.02		.10	.06	3.68	.42	20	.42	18
KAMEOHE MAUKA 781		6.77	01		.05	08				11	05	45	04	01	.34		.57	50	08		1.49	33		03		.02	06		.05	1.99	16	02	33
KAPALAMA 773	A	6.42	05		.39		x	x	.85		.20	07		x	x	.10		1.88	03		x	x	78			.02	x	x	x	x	1.85	15	05
KAWAIHAPAI 841	A	-				42				T			10				02			-	-	-	36					x	x	1.01	T		
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	A	-	-			.01	x	x	.02	T						T	.50	.03	T	.37	x	x	.38			T		x	x	.87	.06	T	09
KOOLAU DAM 833	A	11.96	.10	.35	.90	.37		.20	.10	.73	.33	.13	.05		.03	.03	.21	.72	.08	.10	1.72	.15	.01			.06			.72	.45	1.70	.62	.72	1.18
KUALUALEI 804	A	2.98	.75	x	.40	x	x	x	.01			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	.89		.34	.59			
KUALUALEI WTR TUNNEL	A	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
MAKAHA KAI 796.1	A	1.29			.07	T	.04						.07	T						.04	.05	.22	T							.78	.01			
MAKAHA PUMP 800.2	A	2.50	.50			.02						.12	.03				.01	.03	.01	.20			.09	.05		.50			.02		.92			
MAKAPUU POINT 724		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANOA 712.1	V	7.26	.16		.51	.14		.12	.30	.29	.28	.21	.15				.03	.05	1.59		.35	.75	.50				.03			.17	1.15	.20	.07	21
MANOA TUNNEL 2 716	R	15.16	.18	.12	.18	.02		.14	.66	.48	.36	.04	.60	.40	.12	.34	3.20	.04	.58	.42	.70	.52	.02	.22	.08	.08	.10	.08	4.04	.78	.16	.26	24
MOANALUA 770		4.98	.01	x	.64	.74	x	x	.07	.08	.08	.01						1.15			.65		.02					x	x	1.34	.09		.10
MUUAMU RES 4 783		11.36	.32	.02	.34	.02		.16	.38	.28	.08		.04	.26		.22	2.26	.14	.02	.58	.48	.34	.04		.04	.02	.06		4.12	.42	.20	.40	12
MUUAMU RESERVOIR #5	A	8.76	x	x	x	x	x	1.20	x	x	x	x	x	x	x	x	.84	x	x	x	x	x	3.20	x	x	x	x	x	x	x	2.90	x	62
OPAEULA 870	A	3.33				.80			.02	T	T	T	T			.05	T			.02	.73	.10	.02	T		T				1.00	.13	.14	32
PALI GOLF COURSE 788.1		5.90	.04	.01	.09	.18				.04	.19		.02	.04	.06	.02	.06	.72	.03	.02	1.05	.10	.04		.02	.01		.03	1.65	.75	.34		38
PALOLO VALLEY 718	R	11.30	.04	.10	.04	.02			.60	.20	.06	.10	.50	.26	.04	.20	2.54		.18	.22	.84	.56	.02	.26	.08	.08	.10	.04	3.22	.50	.12	.10	28
PAUOA FLATS 784	R	15.46	.22	.12	.26			.08	.58	.26	.56	.14	.10	.30		.44	3.00	.16	.08	.40	.32	.32	.02	.02	.18	.06	.14	.14	5.58	.80	.10	.84	24
PORTLOCK ROAD 724.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRINCEVILLE 820.2	A	2.98	.03		T	.21	x	x	.02	.01	.01	.05					.02	.04			.04	x	1.15					x	x	1.25	.12		.07
PUNCHBOWL CRATER 709	A	5.77	.02		1.60	1.06		.03	.04	.13	.07		.01	.03				1.08	.02	.01	.60	.79	.05	.08	.01							.02	.09
ST STEPHENS SEM 788		5.07	.07		.07	.23	T		.02	.16	.02	.01	T	.04	.05	T	.08	.77	.03	T	.54	.13	.17	T	T	.03	T	.04	.09	2.04	.28		20
TANTALUS 2 780.5		10.50	.18	.01	.30	.32	T	.06	.21	.17	x	.42	.01	.08	x	x	.12	3.42	.03	.02	1.20	.35	.03	.12		.12	.04	.14	.28	2.17	.27	.05	38
UNIV OF HAWAII 713	A	4.40	.02		1.17	.27	x	x	.04	.10	.15	.06	.04	x	x	x	.03	.56	T	.36	x	x	.46	.02		T	.01	x	x	x	1.06	.01		05
UPPER WAHIAWA 874.3		5.10	.07			1.07		.09	.14	.06	.08	.21					.08	.33			.58	.14		.03				.04	.06	1.11	.50	.27	24
WAHIAWA DAM 863	A	2.21	.03			.15	x	x	.06	.05	.02	.05				T	T	.10		.01	x	x	.37			T		x	x	1.20	.10	.02	.05
WAIAHOLE 837	A	8.96	.17	.03		.31	x	x	.33	.26	.04	.05	.12	x	x	.37	.69	.61	.14	.42	x	x	1.96	.02	x	x	x	x	x	2.40	.36	.09	59
WAIALAE KAMALA 715		2.88			1.18	.01				.01	.02		.02	T	.01	T		.03		.03	.19	.03						1.28	.05			02
WAIALEE 898.3		1.97	.08	.01	.17	.15			.15	.07	.04	.03	.06		.10	.04	.23	.02	x	.03	.25	.05	.01					.07		.18	.03		.20
WAIALUA 847	A	1.36	T			T	.01		.01	T							.03			.26	.36							.05	.63	T		.01
WAIAMAE 798.2	A	1.78	.01		.02	.05						.06		.02				.11	T	.19	.17									1.14	.01		
WAIAWA 836	A	14.13	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	14.13	
WAIKANE 885	A	10.46	x	x	x	x	x	x	1.36	x	x	x	x	x	x	2.30	x	x	x	x	x	x	4.70	x	x	x	x	x	x	2.10	x	x	x	
WAIKIKI 717.2		3.23			1.05	.75					T		.03	T				.05	11	T	.14	.04							.01	1.05	T		
WAIMANALO EXP FARM		4.23				46				03				06		03	.01	1.22	.05		.22	02	46			03			03	1.51	.05		06
WAIMEA 892	A	2.54				09	x	x	02	05	09	.04		x	x	.01		08			x	x	1.14	03				x	x	.61	.18	.12	08
WAIPAHU 750	A	2.27	.05		.05	.52												.05	x	x	x	x	.44	x	x	x	x	x	x	1.15			01
WILHELMINA RISE 721	R	4.18		.42				.04	.18	.02	.18	.02	.10	.16			.62	02	.02	18	.62	08			.02	.02	.02	.02	1.16	.04	.04	14	06

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER 1974

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
ISLAND OF HAWAII																																	
KAHUA RANCH 561	A	2.56	.03	.07	.03	.01					.04	.02	.06			.12	.33	.05	.28	.03					.19	.04	.03		.17	.09	.46	.03	
KAHUKAMAI 536	A	.44															.12				.14										.18		
KEAHUA FLT PERS 561	A	.00																															
KEAUHOU 534	A	1.34																.72					.36					.26				
MAKALEHU 542			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	H	1.25	.x	.x	.x	.x	.x	.x	.19								.27	.42	.x	.x	.x	.x	.13	.x	.x	.x	.x	.x	.x	.24			
MAUNAKEA 524		.69																.20	.01		.30					.T		.06	.T	.12	.T		
PUUHAKA, KAHUKU 542.1		-	-						-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIKOLU 540	H	3.61							.27								.20						1.25							1.89			
ISLAND OF LANAI																																	
KANEPUU 640	A	5.40	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.05	.x	.x	.x	.x	.x	1.35	.x	.x	.x	.x	.x	.x	3.20	.x	.x	.x	.x	.x	.x	.80
PM TRAIN. HARBOR 658	H	1.84			.T									.x				1.50			.x	.x	.16					.x	.x	.16			
LANAI CITY 672	A	3.82						.x	.02									2.50	.01		.22	.x	.28	.04					.x	.76			
LANAIHALE 684	A	.60	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.05	.x	.x	.x	.x	.x	1.70	.x	.x	.x	.x	.x	.x	.40	.x	.x	.x	.x	.x	.x	.x	.65
MANANA 694	A	1.20												.x	.x	.x	.x	.x	.20	.x	.x	.x	.x	.x	.x	.40	.x	.x	.x	.x	.x	.x	.60
PALAWAI 676	H	.65												.x	.x	.x	.x	.x	.10	.x	.x	.x	.x	.x	.x	.30	.x	.x	.x	.x	.x	.x	.25
WAIHAKEAKUA 685	H	1.14	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.02	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.12
ISLAND OF MAUI																																	
A WAHI 256	A	1.67							.10														.85						.72				
HALEAKALA B.E.S 434	A	6.44	.03						.02	.08	.01						.01		.03		.23	.06	.07					1.65	2.08		2.03		.14
HALEAKALA RANCH 492	A	3.44	.x	.x	.x	.x	.x	.x	.08	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.67	.x	.x	.x	.x	.x	.x	.x	1.78	.x	.91
HALEAKALA RS 338		4.11	.T					.02	.03	.13	.T			.T			.13	.24	.14	.T	.48	.06	.T					1.25	1.00	.T	.57	.06
HALEAKALA SUMMIT 338.4	A	2.12															.04	.30			.x	.x	.44					.x	1.22		.12		
HALIMAILE 923	A	3.60				.x	.x	.x	.01	.01											.x	.x	.91					.x	1.67	.01	.52	.47
HAMAKUAPOKO 485		3.61	.T					.01	.10	.02					.02			.T			.36	.41	.01		.03			.10	1.42	.07	.40	.19
HANA 354	A	6.74					.22	.x	.30	.26	.11	.04	.06		.x	.80	.04	.01	.41	.21	1.22	.x	1.08	.01	.01		.04	.42	.x	.76	.28	.46	.x
HANA AIRPORT 355		6.10	.04		.T	.T	.16	.17	.19	.45	.T	.18	.04	.65	.25	.03	.10	.01	.14	.12	1.85	.33	.05	.T	.06	.T	.T	.02	.52	.22	.20	.10	.22
HANAHULI 1.2		6.89	.18			.05	.13	.12	.15	.48	.17	.10	.06	.68	.18	.22	.39	.12	.43	.03	.10	.92	.04		.04		.T	.T	.32	1.08	.12	.52	.26
HOLA CABIN 259.5	A	1.59	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.59				.T	.x	.x	.x	.x	.x	.x	.x	.x
HONOKOWAI 480	A	8.50	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	8.50
HONOKOWAI 493	A	2.14	.03			.x	.x	.x	.02	.06	.x	.x	.x	.x	.x	.04	.x	.x	.x	.x	.x	.x	.80	.02			.x	.x	.x	1.06	.02	.06	.03
HONOMANU GULCH 341	A	8.40	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	8.40
*KANAPALI AIRPORT		-	-	-		-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAHOMA INTAKE 374	A	8.00	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.44	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	8.00
KAHULUI W50 398 AP	R	1.57																			11												T
KAILILI 436	A	9.65	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.95	.x	.x	.02	.05	9.65
KAILUA 446		6.87	.10				.x	.x	.48	.26	.04	.07	.02	.x	.x	.31	.02	.06	.02		.x	.x	1.65		.12	.01		.x	2.80	.16	.35	.40
KAUAULA INTAKE 375	A	2.03							.05							.10							1.61						.27			
KEAHUA 410		1.34																.06										.11	.80		.25	.03	
KEANAE 346	A	12.20	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.05	.02	.02										
KEAWANAPL BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	12.20
KIHEI 311		.12																.T			-	-	-	-	-	-	-	-	-	-	-	-	-
KIPAHULU 258		6.13	.40						.40	.60	.20	.06	.35	1.08	.40	.07	.04	.37	.15	.35	.08	.14	.04						.24				
KULA HEIGHTS 323.2		1.28															.04	1.91			.36						20					.56
KULA SANATORIUM 267		2.26						.05	.05	.09	.T			.02			.10	.24	.04	.03	.08	.14	.04					.87	.18		.02	
LAHAINA 361		.12																			1.50	.03	.T					.03	.07	.01		
LAHAINAPOKO INTAKE 376	A	1.90	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.32			
LAHAINAPOKO VILLAGE 372	A	.68																.04		.02									.62	.x	.x	.x	3.50
LEI UPPER 442	A	8.50	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	8.50
MAKAWAKINA 466	A	2.98								.08												.08	.22						2.40		20	
MAKALEIE FIELD 60 407	A	2.22														.09							1.60						43			.10
OLINDA 332	A	4.47	.11	.03	.x	.x	.x	.x	.06	.03	.x	.x	.x	.x	.x	.x	.52	.05	.07	.02	.x	.x	.25	.x	.x	.x	.x	.x	.x	2.50		.82	.01
OLOWALU 296		.53																											.53			
PAKAKA 350		13.57	.18					.03	.73	.66	.24	.28	.14	.46	.08		.02	.24	.04		3.00	.51	.10	.04	.18	.06		.15	2.50	.23	.85	.60
PAIA 406		2.07						.01	.01												.21	.18	.01		.T			.01	.32	.94		.31	.07
PAMOEHOLU 259.2	A	4.00	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	4.00	.x	.x	.x
PUKAKEA BRIDGE 307.2	A	.26																			.01							.09	.16				
PULEHOLI SPRINGS 267.2	A	.70	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.70
PUHOKAMOA 2 343	A	16.40	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	16.40
PUUMEME 396		1.09																.27			.04							.15	.63		.T	
SPRECKELSVILLE 400.2		1.21																.01			.06	.04						.08	.88		.11	.03
TWIN GATES 261.3	A	.00																															
WAILELE 333	A	6.27	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.71	.x	.x	.x	.x	.x	.x	3.24	.x	.x	1.32
ALEPEHAME 301	H	.54																											.54			
ULUPALAKUA RANCH 250		4.43	.07						.T	.34	.x	.x	.x	.x	.x	.07	.x	.51	.02	.31	.x	.x	2.75	.x	.x	.x	.x	.x	.x	.36			
WAHAULI 354	A	.74																		.05			.05	.06					.07	.51			
WAIAKU CAMP 484	A	1.65												.15							.03	.01							.95	.50			.01
WAIHEE VALLEY 482	A	2.73															.20				.10	.38						1.51	.49			.05
WAIKAMOI 449	A	11.00	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	11.00
WAIKAMOI DAM 336	A	14.41	.29	.02		.01	.x	.x	.18	.78	.02	.01	.15	.x	.x	.62	.25	.35	.51	.04	.x	.x	.x	.02	.03		.01	.x	.x	6.20	.04	3.30	.18
WAIKAPU 130	A	.22																			.02							.20				
WAILUKU 386	A	1.24																			.x	.x	.05					.x	1.18		.01		
WAIOPAI RANCH 256	A	.67																										.x	.67				
ISLAND OF KAUAI																																	
ANAHOLA UMI 35	A	2.12	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	2.12
AWIWI 182.1	A	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x
CITY OF REFUGE 27.4		6.47							.T	.01	1.88	.20	.21	.T			.01	1.77	.08	.82	.T	1.15	.01					.03	.13	.T	.02	.06	
EAST HONOKANE 183.2	A	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x
HAINA 214		5.28												.14	.21	.04					.03	.93					11	.01	2.58	.88		.33	.02
HANALEI 142		8.47	.06			.01	.23		.08	.62	.12	.04	.26	.86	.11	.05		.08			.29	.03			.21	.08	.11	.57	2.85	.64	.22	.81	.14
HANAMAKA 54	A	2.68	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.36	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	2.32
HALEPILALA 117	A	6.57	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	6.57
HALEPOHAKU 111	A	5.05														.07	.T	.T	.T	.10	.17	.01			T			4.20	.45		.05	
HANAPEPE VALLEY AP 40.54		6.96	.24	.05	.07	.09	.24	.31	.09	.15	.28	.T	.34	.24	.04	.02	.04	.12	.11	.T	.05	.T	.04			.05	.03	.09	2.71	.87	.24	.38	.07
HANAPEPE 168	A	5.89	.27	.x	.x	.x	.x	.x	.03	.03	.x	.x	.x	.x	.x	.02		.x	.06	.x	.x	.x	.53										
HILO AIRPORT CLIB 86.6		11.04	.67	.T	.T	.01	.27	.05	.07	.07	.21	.T	.11	1.40	.05	.05		.06			.53			.25	.02	.04	.03	.11	2.91	2.32	.20	1.48	.14
HILO WSO AP	D	6.65			.10	.T	.16	.08	.29	.07	.17	.09	.81	.14	.01	.01	.T	.07		.03	.01			.02	.12	.08	.09	.86	2.21	.14	.11	.66	.32
HOLUALOA 70	A	21.60	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	21.60
HOLUALOA BEACH 68	A	4.20	.80	.x	.x	.x	.x	.x	.20	.x	.x	.x	.x	.x	.x	.x	.x	2.70	.x	.x	.x	.x	.x	.x	.x	.x	.x	.50	.x	.x	.x	.x	.x
HONAUNAU 27		11.02	.57		.15					.59	1.51	.x	1.29	.x	.x	.x	.x	2.00	.x	.x	.x	.x	4.68	.x	.x	.x	.x	.x	.x	.23			
HONOHINA 137		7.63	.10				.08		.03	.40	.25	.02	.04	.65	.15	.08		.08			.24	.11	.06		.12	.02	.16	.16	2.94	.90	.16	.78	.10
HONOKAAE 181.1	A	5.33	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.57	.x	.x	4.20	.x	.x	.x	.x	.x	.x	.x
HONOMU MAUKA 138		11.78	.41		.01		.09	.02	.08	.35	.33	.09	.31	1.95		.14		.05			.10	.13	.12	.01	.05	.15	.19	.22	3.43	1.54	.10	1.77	.14
HONUAULA 71	A	4.80	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	4.80
KAPAAI 72	A	1.95	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.95
KAPAHI 91.1	H	10.20	.x	.x	.x	.64	.x	.x	1.71	.46	.x	2.40	.x	.02	.06	.82	.x	.25	.81	.11	.86	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x	.x
KAPAHI 191.12	A	10.22	.x	.x	.x	.57	.03	.02	.x	.x	.x	.x	.36	.35	.97	.x	1.60	.71	.x	.18	1.13	.87	.x	.x	.x	.x	.x	.x	.x	.x	.x	1.82	.x
KAUMANA 23	A	.15			.10	.02	.x	.x	.02	.39	1.73	.08	.40	.x	.x	.x	.08	3.52	.55	.34	.x	.x	.x	.55	.x	.x	.01	.x	.x	.x	.x	.x	3.42
KAUMALI 73.2		10.40	.01	.01		.05	.x	.x	.02	.47	1.08	.23	.81	.x	.x	2.20	.T	4.42	.31	.46	.x	.x	.06		.T	.x	.x	.x	.x	.13	.01	.T	.2.

** REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
KALAPANA NO 1 67.8		5.92	.15	T	.06	.09	.67	.02	.13	.07	.26	.09		.40	T		.44	.15	.01			1.78		T	T		.15	.12	2.11	.41	.33	.34	.13
KAMAOA NO 2 5	A	5.82	M	M	M	M	M	.16	M	M	M	M	M	M	.49	M	M	M	M	M	M	3.20	M	M	M	M	M	M	M	M	M	M	M
KAMUELA 192.2		2.07	.09					.01									.01				.01		.60	.05	.04	.05	.03	.08	.50	.10		.28	
KAPAPALA RANCH 36	A	8.39	M	M	M	M	M	.31	M	M	M	M	M	M	1.25	M	M	M	M	M	M	4.80	M	M	M	M	M	M	2.03	M	M	M	M
KAPOHO LANDING 83.5	A	4.62	M	M	M	.55	M	M	M	M	M	M	1.62	M	M	M	M	M	M	1.13	M	M	M	M	M	M	1.32	M	M	M	M	M	M
KAWAINUI LOWER 193	A	7.30	M	M	M	1.10	M	M	M	M	M	M	.40	M	M	M	M	M	M	.82	M	M	M	M	M	M	.98	M	M	M	M	M	M
KEAAU 92		7.89	.50			.03	.14	.05	.04		.29	.10	.06	.84				.10				.15			.28	.02	.10	.14	2.47	.65	.19	1.34	.41
KEALAKEKUA 26 2		8.66	M	M	M	M	M	M	.51	M	M	M	M	M	M	3.30	M	M	M	M	M	M	4.60	M	M	M	M	M	M	M	M	M	.26	M
KEHENA 181 2	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
KIOLAKAA A & F 6	A	10.05	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	10.05
KIPA 89.2	A	12.60	.64		.02		.45	.10	.10	.28	.47	.01	.15	2.70	.01	.03		.12	.01		.27		.03		.10	.01	.05	.10	3.35	1.70	.72	1.25	.13
KOHALA MAULILI 176	A	8.81	.30	M	M	M	M	M	.03	.02		M		.28	M	.16		M	.01		M	M	.81	.02			.02	M	M	6.30	.01	.76	.30
KOHALA MISSION 175.1		7.43	.20				.T		.03	.03	.T			.03		.01			.T		.18	.60	.21	.T			.04	.11	2.11	2.02	.T	.67	.17
KOIAWE LOWER 196	A	4.79	M	M	M	.18	M	M	M	M	M	M	.15	M	M	M	M	M	M	.26	M	M	M	M	M	M	4.00	M	M	M	M	M	M
KONA (KAILUA 68.3	A	3.21		.05				.04	.03	.11	M	M		M	M	.65		2.06	.01	.11	M	M	M					M	M	.07			.03
KONA VILLAGE 93.8		.84	.16	.10			.29									.13		.14			.42											
KUKAIAU 222		5.94												.37	.14		.08				.31	.15					.11	.01	2.64	1.52		.31	.30
KUKUIHAELE WIC 189		5.56	.06				.04		.06				.02	.28	.16	.07	.02				.20	.41	.32	.03		.02	.02	.10	2.10	1.40	.16	.14	.17
KUKUIHAELE MILL 206	A	4.80												M	M	.11	M				M	M	.75			.02	.03	M	M	3.49		.28	.12
KULANI CAMP 79		9.18	.15	.04	.10	.10	.23	.15	.14	.12	.12	.02	.22	.38		.12	.13	.14	.15		.37	.09				.04		.07	4.15	1.41	.18	.50	.06
KULANI MAUKA 76	A	4.54							.18								.16	.05		.05	.20							.35	3.15			.15	.06
KULANI SCHOOL SITE 78	A	2.87	M	M	M	M	.57	M	M	M	M	M	M	1.14	M	M	M	M	M	M	.35	M	M	M	M	M	M	.21	M	M	M	M	M
LAMIHAU 68.2		19.07		.02	.11	.09	.81	.78	.87	1.16	.10		5.50	.12	.82	1.50	.12	2.00	2.00	.52		1.80	.09	.05					.14	.16	.05		.06
MAKAHALAU 103		1.22															.12							.12						.98			
MANUKA 2	A	4.40				.20	M	M	.40	.40			.20	M	M	M	.50	.10	.20	M	M	M	.40	T	M	M	M	M	M	M	2.00	T	T
MAUNA KEA 885 111.2		1.12																			.18								.93	.01		T	
MAUNA LOA SLOPE 885		3.01															.11			.10	.09	.25		.01				.11	2.33				
MIDDLE HOLUALOA 68.1	A	5.31	M	M	M	M	M	M	.55	M	M	M	M	M	M	M	2.33	2.00	M	M	M	M	M	M	M	M	.43	M	M	M	M	M	M
MIDDLE PEN 147.1	A	5.07	M	M	M	M	M	M	M	M	M	M	M	M	M	.45	M	.04	M	3.94	M	M	.04	M	M	M	M	M	M	.40	M	M	M
MOAULA 18	A	5.73	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.73
MOUNTAIN VIEW 91		10.92	.52		.05	.14	.23	.08	.07	.31	.49	.02	.18	1.70			.03	.20				.54			.19	.22	.21	.18	3.34	.88	.35	.72	.27
NAALEHU 14	A	6.66	.22	.01		.06	.01	.01				.01	.11	.15	.42	.05	.17	.44	.01		.92	.11							2.00	1.80		.05	.11
NAPOOPOO 28	A	6.99	M	M	M	M	M	M	.07	M	M	M	M	M	M	M	3.72	M	M	M	M	M	3.03	M	M	M	M	M	17	M	M	M	M
NIULII 179	A	8.44	.04							.06	.01			.46	M	.24			.07		M	M	1.91				.02	M	M	5.40	.01	.50	.18
OOKALA 223		4.91					.02				.01				T	.07	.01				.05	.18	.03		.01		.18	.04	1.95	1.25	.02	.05	.58
OPIHIHALE 2 24.1		5.59	T	T				.04	.58	.17	.13	.01	.07		.09	T	.53	T	3.43	T				T	T				.38	.14	.01	T		.01
ORCHID LAND EST 91.5	A	5.08	M	M	M	.85	M	M	M	M	M	M	1.57	M	M	M	M	M	M	.98	M	M	M	M	M	M	1.68	M	M	M	M	M	M
PAAUHAU 217		4.03												M	M	.31	M	M	M	M	M	M	.67				.07	M	M	2.61		.26	.11
PAAULO 221		4.96						.T						.32	.02	.02	.03				.40	.05					.04	.01	2.32	1.30	T	.28	.17
PAHALA 21	A	6.52			.03	.05		.02					.20	.07	.22	.07	.32	.60	.13		2.30	.03							1.35	1.05		.02	.06
PAHOA 65		9.07	.42	.07	.23	.09	.32	.12	.09	.15	.57	.15	.07	.84			.18	.31	.28						.36	.12	.30	.11	2.17	.57	.33	.85	.37
PAKAO 37	A	7.30	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	7.30
PAPAIKOU 144.1		7.03	.15		.01		.23	.04	.07	.60	.11	.07	.24	.74			.01	.03				.01			.10	.03	.01	.10	2.48	.90	.10	.89	.11
PAPAIKOU MAUKA 140.1		11.98	.72				.47	.33	.06	.47	.24	.01	.08	2.60	.01	.05		.12			.07	.02		.03	.01	.03	.08	.30	2.95	1.74	.15	1.63	.12
PIIHONUA 89	A	12.20	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	12.20
POHAKULOA 107	A	2.40	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.60	M	M	M	M	M	M	M	M	M	1.90	M	M	M
PUAKO 95.1	A	1.16		T	T	.04		T	.01			T					.87		.09		T					.15	T						
PUU KIHE 120	A	6.36	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	6.36
PUU LAAU 102.1	A	.79	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.79
PUU LEHUA 73	A	2.70	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.70
PUU MALI 113	A	2.92	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.92
PUU OO 82	A	-.-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94.1	A	2.76	.01			.20	M	M	.25	.06		.02	.54				.01	.07	.22	M	M	M	1.43	.01				M	M	.14			
SADDLE ROAD 1 84	A	14.67	M	M	.75	M	M	M	M	M	M	1.22	M	M	M	M	M	M	1.61	M	M	M	M	M	M	.87	M	M	M	M	M	M	10.22
SOUTH POINT CORRAL 3	A	1.82	M	M	M	M	M	.12	M	M	M	M	M	M	.25	M	M	M	M	M	M	.20	M	M	M	M	M	M	1.25	M	M	M	M
UMIKOA 118		4.19	.02											.T	M	.16	.30				M	M	.60							2.70	.03	.31	.07
UPOLU POINT USCG 159.2		-.-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88.2		11.88	.48			.04	.46	.10	.05	.09	.15	.03	.28	1.63	.25	.10	.01	.07			.96	.08		T	.02	.08	.23	.10	3.61	1.30	.14	1.42	.20

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
OCTOBER 1974

STATION	TOTAL	DAY OF MONTH																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180 TH MERIDIAN																																
ANTON IS.AND		21										02													.15	.02						
FENA RL. RESERVOIR		7.26	.30	.50			.90	.80	.11	.20	.30	.15	.15	.70	.20	.45		.15	.20	.10	.50		.10		.30	.15		.20			.50	.30	
JOHNSTON WSO AP	R	.98		.02	.08	.09		T	.06	T	T	T	T	T	T	.09		T	.01		.02	.24	T		T	.29	.08	T			T	T	T
LEIME		3.00	.07		.03	1.35	.15	.64	.18			.05	.11	.10	.44	.36	.07			.22		.10		1.38			.05	.05	x	.05	.20	1.30	.10
FRIGATE SHOALS		-			-	-			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISIANSKI ISLAND		5.80	.31	1.04	.33	.05	x	1.25	T		.08	.57		1.37		.09		.20	.01	.26		T		.02	.30	.08	.06			.05			.03
MIDWAY SAND ISLAND		.71		T	.02			T							T			.07	.01	.28							.02	.22	.05	T	.04	
PAGO PAGO WSO AP	R	4.44	.19	T	T	.53	.12	.10	T	T	.08	.01	.01	.02	.22	T		T		.27	.15	.03		.02	.11	.08				.03	.47	T	T
SWAINS ISLAND		-	-			-	-	-	-			-			-			-			-	-		-	-				-	-	-	-
* * * WESTERN PACIFIC ISL. MONTH OF 12 H																																
ANDERSEN AFB GUAM		12.11	.12	.21	T	.02	.19	.04	.55	.30	.24	.25	.34	T		.44	.72	2.07	.02	1.17	.67	.03	.04	.40	.36	1.22	.18	.05	1.12	.35	.27	.45	.35
CLARK AFB, LUZON		12.88			.07			T	.12	.04	T	.12	.77	.67	.40	.01	.02	1.11	6.71	.08				.51		T	T		T	T	1.58	.32	T	.35
GUAM NAS		11.08	.02	.06		T	.06	.16	.46	.16	.53	.54	.15	.03		.02	.26	.53	.01	.31	1.80	.12	.12	.20	2.42	1.26	.26	T	.60	.19	.05	.19	.57
GUAM WSO	R	10.00	.01	.02			.16	.05	.40	.19	.45	.12	.13	.03	.01	.53	.46	.61		.70	1.80	.01	.13	.45	1.10	.50	T	.27	.53	.15	.13	.57	.20
KWAJALEIN		13.63		.26			.12	.23	.11	.83	.46	.54	.21	.07	.11	.08	.79	.85	.04	.12	.73	1.12		.36	2.72	.31	.97	.09	.23	1.33	.05	.55	.36
MOTH		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAIPAN USCG LORAN		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAKE WSO AP	R	3.18	.01	.23	.02	.03	.18	.01	.08		.05	.02	T	.24	.16	.39	.03		.07	.01	.38	.02		1.04		.01	.08		T	.06	.02	.04	
* * * ABO.INE AND MARSHALL ISLANDS																																
MAJURO		23.49	.82	.30	1.10			3.15	2.43	.06	3.10	2.05	.47	.10	.17	.07	.02			.08		.08	.42	.02	.87	2.04	.48	.20	.10	1.74	1.02	1.00	1.60
ENIWETOK		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALALOP I. ULITHI		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAPINGAMARANGI ATOLL		-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	22.47	.05	3.23	.07	.24	.88	.33	1.22	2.68	3.24	.12	.03	.38	1.80	.79	.01	.01	.05	.07	.04	.55	1.40	.09		.45	.33	1.12	.85	.66	.92	.40	.46
KWAJALEIN WSO AP	R	12.62	.07	.14	.33	.02	.55	1.16	.04	.05	T	1.32	.04	1.67			.10	.96	1.17		.96	.29	.34	.07	.41	1.31	.34	T	.58	.10	T	T	.60
LEJE I. KUSAIE		14.61	.73	1.21	.18	1.18	1.41		.83	1.90		2.16	.05					1.37	.56		.33	.40	.03		.08	1.12	.06			.31	.17	.13	.40
MAJURO WSO AP	R	19.90	.01	.08	1.44	2.69	.53	.51	.21	T	.18	.15	T		T	.13	.61	.18	.19	.29	8.39	.87	1.52	.21	.31	T	.50	T	.35	.04	.02	.27	.22
METALANIM		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGARANGLABELTHEAP		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PONAPE WSO	R	17.30	.13	.19	.17	.95	1.18	1.31	.32	.89	.78	.16	.46	1.00	.38	T	.10	.33	1.19		.13	.64	.21	.13	2.70	1.06	.39		.16	.06	.85	.46	.97
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	20.14	.16	1.92	.02	.07	.88	2.46	.26	.30	.47	1.09	.05	.49		T	.05	.02	2.81	.10			3.71	.15	1.51	1.19	.01	.06	.40	.02	1.05	.89	T
WOLEAI ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
YAP WSO AP	R	19.11	.74	T	.03	.65	.07	1.65	.40	.97	.79	.01	.55	4.08	1.13	.10	.01	.32	.38	.14	.83	.04			.09	T	1.26	2.02	.12	1.16	1.09		.48

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
ISLAND OF KAUAI																																	
KANALOHULUHULU 1075	MAX	72	71	68	70	70	74	75	73	72	74	73	73	73	71	74	72	73	74	75	70	74	75	74	74	71	73	72	73	73	72	72	72.6
	MIN	48	48	54	55	57	54	53	56	56	55	51	55	52	58	55	58	47	48	51	53	48	49	52	54	55	57	57	60	55	58	57	53.7
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	85	84	83	84	83	84	84	84	83	84	85	84	84	83	84	84	83	84	85	83	85	85	85	84	84	84	84	84	86	86	84	84.1
	MIN	73	70	72	73	75	79	76	75	74	75	73	72	73	73	74	74	73	74	77	74	70	78	75	73	76	77	76	76	76	76	75	74.4
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	89	90	90	83	88	83	88	89	89	89	88	87	89	91	88	88	88	89	88	88	88	89	89	89	89	88	89	89	87	89	91	88.5
	MIN	69	69	69	63	66	62	69	70	68	69	67	67	69	68	69	69	68	68	68	69	68	69	68	69	65	66	66	66	71	66	65	67.6
NIU RIDGE 1035	MAX	85	84	83	83	82	83	84	85	84	82	83	82	83	84	83	83	84	84	82	83	85	85	84	82	83	82	83	84	83	84	83	83.4
	MIN	63	64	65	64	63	64	64	65	66	64	62	63	62	61	64	63	64	61	62	63	62	63	63	63	64	63	63	65	66	63	62	63.4
WAIAHI LOWER 1054	MAX	86	87	83	82	84	80	84	83	82	83	81	85	81	82	84	84	83	83	83	82	84	84	84	84	83	83	82	79	83	83	82	83.0
	MIN	61	65	64	64	68	67	68	68	66	66	66	64	64	66	65	67	64	66	67	65	62	66	67	64	64	66	67	68	70	69	70	65.9
ISLAND OF OAHU																																	
CHURCH COLLEGE LAIE	MAX	87	86	85	87	87	87	87	87	85	86	86	85	85	86	86	87	86	86	86	86	86	86	86	85	85	85	83	85	85	85	83	85.7
	MIN	70	67	71	72	74	76	76	69	75	75	75	71	69	73	70	72	70	71	72	72	69	72	76	75	75	76	76	76	74	75	72	72.8
EWA PLANTATION 741	MAX	87	87	87	76			86	86	85	85	86			87	87	88	87	87			88	88	87	86	86			86	84	85	85	85.9
	MIN	68	67	69	70			67	70	69	67	67			66	66	67	66	68			67	69	69	69	67			67	71	72	72	68.3
HONOLULU WSO 703 AP	MAX	89	87	81	88	88	89	87	87	87	88	89	88	87	87	90	88	86	88	87	86	88	88	89	88	87	87	80	87	86	86	87	87.1
	MIN	71	71	71	72	69	72	74	74	72	71	70	69	68	68	70	72	69	68	73	70	69	76	75	73	74	73	72	76	76	76	75	71.9
HONOLULU SUBSTA 704	MAX	85	84	81	85	84	83	83	83	82	83	84	83	83	85	84	83	82	84	84	85	84	83	82	81	82	84	79	79	83	82	81	82.9
	MIN	74	73	72	73	74	74	72	72	71	72	70	74	75	73	70	73	73	73	72	72	72	75	73	73	73	73	70	74	74	73	72	72.7
KANEOHE MAUKA 781	MAX	86	86	85	83	84	85	84	84	84	83	83	84	85	82	86	84	84	86	85	84	84	85	84	84	84	84	84	78	82	83	83	83.9
	MIN	71	72	73	71	73	76	75	73	73	70	71	71	71	70	71	71	72	71	72	70	70	71	74	73	73	74	74	75	75	74	72	72.3
LUALUALEI 804	MAX								88	85	87	89	86	88	85	86	88	84	87	86	84	88	87	88	86	87	86	82	84	87	86	84	86.2
	MIN									72	68	69	70	69	64	67	68	65	65	70	69	65	72	68	68	66	69	72	76	78	77	75	69.7
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	85	84	84	85	84	84	85	84	85	85	84	85	84	88	88	84	82	82	84	82	82	84	82	84	84	84	84	84	81	80	78	83.7
	MIN	69	67	69	66	66	66	68	68	64	66	67	68	69	71	73	67	68	67	67	69	68	66	66	65	67	67	69	67	69	70	70	67.7
PRI WAHIAWA 820.2	MAX	88	85	81	78			87	85	85	85	86			92	91	88	86	89			89	87	86	84	84			86	84	84	84	85.8
	MIN	65	65	67	67			64	68	67	64	64			64	62	66	65	60			65	66	68	66	65			67	70	69	70	65.8
WAIALEE 896.3	MAX	90	87	86	84	88	88	87	88	87	86	87	87	87	86	88	86		87	87	86	87	87	86	87	85	85	86	84	86	86	84	86.5
	MIN	72	72	72	72	74	75	72	72	71	73	70	72	71	71	72	72		73	72	72	71	75	75	73	74	72	75	72	73	75	72	72.6
WAIALUA 847	MAX	90	88	87	85	91	90	89	87	87	85	88	89	89	88	88	88	87	88	88	86	89	87	87	86	85	86	86	80	85	85	85	87.1
	MIN	67	66	70	68	70	68	72	67	66	64	64	64	66	66	65	67	65	65	66	59	68	67	67	65	65	66	67	71	70	68	69	67.0
WAIKIKI 717.2	MAX	88	87	87	86	87	87	87	87	87	87	87	88	86	88	88	88	87	86	88	89	87	88	87	87	86	86	87	82	86	86		86.9
	MIN	68	70	69	70	70	72	73	73	71	69	67	69	71	66	67	69	67	66	68	67	67	74	74	72	72	71	71	71	73	74		70.0
WAIMANALO EXP FARM	MAX	87	87	87	85	85	85	86	85	85	85	86	86	85	87	87	85	85	85	86	85	84	85	85	85	85	84	85	84	83	84	83	85.2
	MIN	72	71	72	70	72	74	74	73	73	75	75	71	72	70	72	71	71	70	71	70	70	71	74	73	74	73	73	72	74	75	73	72.3
ISLAND OF MOLOKAI																																	
MOLOKAI AP 524	MAX	90	88	87	85	88	87	84	84	84	89	88	83	86	85	84	83	84	84	84	87	86	83	84	85	84	86	82	82	83	84	84	85.1
	MIN	65	67	65	65	65	67	70	73	73	66	69	72	69	70	71	70	64	68	70	68	68	74	72	69	70	68	71	69	72	73	73	69.3
ISLAND OF LANAI																																	
LANAI CITY 672	MAX	82	80	81	79	78	79	80	77	79	79	80	77	75	80	80	71	78	79	75	75	88	86	86	77	80	75	72	78	83	79	75	78.8
	MIN	59	58	59	58	63	65	61	59	62	62	63	67	66	64	64	64	63	65	67	64	67	66	64	67	65	66	66	66	67	69	65	63.9
ISLAND OF MAUI																																	
HALEAKALA RS 338	MAX	71	69	64	63	64	64	64	65	62	62	63	62	63	65	61	63	62	63	61	61	63	66	70	71	68	69	66	61	70	66	64	64.7
	MIN	43	47	41	40	41	41	45	46	46	41	40	41	41	42	43	44	39	41	48	44	43	50	50	51	52	53	51	54	52	48	50	45.4
HALEAKALA SUMMIT 338.4	MAX	65	64	62	62			64	55	58	54	55			57	58	55	55	58			53	53	56	57	59			61	57	52	54	57.6
	MIN	48	46	45	45			37	37	38	40	42			38	40	40	41	41			41	40	45	43	45			40	39	36	38	41.1
HANA AIRPORT 355	MAX	78	79	88	88	86	83	89	84	85	85	85	84	83	83	85	85	84	84	84	83	83	85	85	83	83	83	83	80	84	83	82	83.8
	MIN	71	68	76	76	71	70	70	70	70	70	69	69	68	67	72	70	70	68	72	70	72	72	70	68	68	69	72	72	74	73	72	70.6
KAANAPALI AIRPORT	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	90	90	90	89	90	90	87	88	89	87	87	87	85	89	88	88	86	83	86	86	88	86	88	87	85	85	82	87	87	86	86	87.2
	MIN	68	64	61	65	64	68	67	72	71	63	61	72	68	63	66	69	67	66	71	66	68	73	74	74	72	73	73	73	75	74	72	68.8
KAILUA 446	MAX	79	81	82	80			78	79	79	79	80			80	80	80	80	80			82	80	80	79	80			79	81	81	79	79.9
	MIN	68	65	65	65			67	66	66	67	67			65	67	67	67	66			65	65	68	68	68			68	68	68	69	66.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]	MAX																														
	MIN																														
[illegible]	MAX	78	72	74	74	77	78	81	77	74	74	78	74	75	77	78	72	74	73	72	74	74	75	75	72	72	74	74	74	72	74	74	74.6
	MIN	66	[illegible]	65	65	64	64	66	61	62	66	66	65	66	66	66	60	58	59	60	59	60	59	60	59	58	57	58	61	62	63	59	59.6
[illegible]	MAX	91	93	90	91	90	91	90	90	90	89	91	88	92	89	89	88	89	91	88	88	89	90	89	89	89	89	83	91	90	89	89	89.5
	MIN	71	70	69	70	70	71	71	71	69	71	69	70	69	69	70	70	70	68	70	70	71	71	71	70	68	69	71	73	72	73	70	70.2
[illegible]	MAX	86	86	87	86			87	83	83	83	84			84	84	85	85	83			84	86	84	84	82			83	83	82	82	84.0
	MIN	74	69	69	71			72	72	74	72	72			70	72	73	70	70			69	72	73	72	72			70	73	72	73	71.5
[illegible]																																
[illegible]																																
[illegible]	MAX	84	85	84	84	84	84	83	84	84	84	79	83	82	83	84	85	82	84	84	83	84	83	83	82	83	82	81	77	81	81	81	82.8
	MIN	68	69	67	67	68	67	69	71	70	68	70	68	67	68	71	68	67	69	70	69	66	72	71	69	66	68	68	70	71	69	70	68.7
[illegible]	MAX	74	72	69	67	73	69	68	72	67	69	69	72	69	76	74	71	68	75	74	74	74	74	69	68	67	69	69	67	71	68	69	70.4
	MIN	56	54	53	55	55	54	53	55	53	54	55	57	53	55	56	55	53	55	56	52	54	56	56	54	54	54	57	57	55	56	55	54.6
MILO WSO 87 AP	MAX	88	90	85	87	87	88	86	85	85	86	83	85	84	87	87	84	87	85	84	87	87	83	85	83	84	84	83	84	83	82	83	85.3
	MIN	69	69	69	67	70	69	67	68	69	68	68	70	66	67	70	68	65	68	68	67	68	67	70	70	67	69	71	70	70	69	68	68.4
[illegible]	MAX	79	80	76	79	79	80	80	78	78	79	77	78	80	79	79	78	78	77	80	79	80	80	80	78	79	79	80	80	78	77	81	78.9
	MIN	63	65	63	64	63	63	63	63	64	64	64	64	65	62	65	64	63	62	63	65	61	65	68	64	63	63	63	63	68	63	64	63.7
[illegible]	MAX	78	78	78	78	76	78	75	78	75	74	76	77	75	78	76	78	76	75	80	76	80	78	75	73	72	74	72	72	75	76	74	75.9
	MIN	60	55	54	56	57	58	60	57	60	60	58	60	57	60	57	59	60	58	59	53	52	55	60	58	57	60	58	60	60	59	58	57.9
MEARU 92	MAX	83	83	83	82	84	84	84	84	82	82	82	81	83	83	84	83	81	84	80	84	85	83	82	82	81	82	81	80	82	81	80	82.4
	MIN	68	67	67	65	67	66	66	65	66	66	67	67	65	66	67	66	63	63	61	64	65	68	68	68	65	65	66	69	69	67	66	66.1
KOHALA MISSION 175	MAX	84	84	86	85	85	85	85	82	82	82	84	83	83	84	84	85	84	84	85	79	83	82	81	82	81	80	80	74	80	80	79	82.5
	MIN	69	67	66	65	69	71	69	69	70	70	69	68	68	66	70	69	66	66	69	66	66	69	73	71	68	69	69	69	70	69	69	68.5
KONA KAILUA 68.3	MAX	86	87	85	87			87	86	86	86	85			86	84	85	85	85			85	87	85	85	83			85	82	84	85	85.3
	MIN	71	72	69	72			71	71	71	70	69			69	73	68	70	71			68	71	73	71	70			69	73	71	70	70.6
KUKUI [illegible]	MAX	68	66	65	67	68	68	62	65	65	63	61	65	63	64	61	64	62	68	69	68	65	69	65	65	63	65	65	62	66	67	66	65.2
	MIN	49	51	45	47	51	52	48	52	50	48	51	52	50	47	51	49	42	48	49	48	46	50	52	50	47	47	54	53	51	50	47	49.3
MAUNA LOA SLOPE OBS	MAX	57	52	54	53	55	55	58	55	54	51	50	51	50	52	50	51	50	50	44	47	53	52	53	53	56	50	44	51	56	51	54	52.0
	MIN	40	37	35	38	38	39	37	33	38	39	40	37	36	37	36	34	32	32	33	33	35	38	37	34	36	37	38	40	40	38	34	36.7
MAUNAWILI FARM 4	MAX	76	78	80	75	81	81	81	79	76	79	78	81	81	81	80	80	77	83	84	84	84	79	77	80	73	77	77	77	78	75	74	78.9
	MIN	63	61	61	60	60	60	60	60	61	62	61	60	60	60	63	63	59	59	60	60	60	62	64	58	61	61	61	61	65	64	62	61.0
NAALEHU 14	MAX	82	82	80	82			84	83	80	82	78			84	82	81	81	82			84	82	82	81	80			81	81	80	80	81.4
	MIN	70	70	68	67			68	69	69	69	62			65	68	68	68	65			65	71	68	68	66			66	70	70	69	67.8
[illegible]	MAX	85	83	85	83	81	83	80	84	82	84	83	83	89	86		85	82	84	84	84	83	84	82	84	84	81	82	78	79	83	83	83.1
	MIN	70	70	70	70	65	65	68	71	68	71	71	67	66	67		72	72	69	69	67	65	68	72	71	68	70	71	68	69	71	67	68.9
OPIHIHALE 2 24.1	MAX	84	80	82	84	85	80	82	77	80	80	81	82	79	83	82	80	81	81	82	83	83	83	78	78	80	81	77	79	79	83	82	81.0
	MIN	62	61	62	62	63	64	63	64	62	64	64	63	62	63	64	63	63	62	61	61	63	64	63	61	60	62	63	64	62	64	63	62.6
PAHALA 21	MAX	82	82	82	81			85	85	81	85	82	85	85	84	83	80	78	82	85	83	82	83	83	85	81			82	81	81	83	82.6
	MIN	65	65	62	63			63	65	63	63	63	66	64	64	64	65	62	62	63	63	63	64	65	65	62			62	67	66	65	63.9
PAHALA 95.1	MAX	85	84	85	84	85	85	86	83	86	87	83	85	85	86	84	85	84	83	85	85	82	84	86	86	85	85	85	82	82	84	86	84.6
	MIN	72	71	68	67	71	69	70	74	75	70	71	72	70	69	69	69	67	68	71	67	68	68	74	73	70	70	68	71	69	70	68	70.0
[illegible]	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
• • •																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	88	92	94	90	92	90	91	90	90	88	93	93	92	88	91	92	92	88	92	91	92	92	93	92	89	89	90	91	91	92	94	91.0
	MIN	76	77	76	76	76	77	76	77	76	76	75	76	76	76	74	76	76	76	75	75	74	75	75	74	74	75	76	74	75	76	75	75.5
JOHNSTON WSO AP	MAX	84	85	85	85	85	85	85	85	84	85	84	86	85	85	85	85	84	85	85	85	85	85	84	85	84	84	84	84	84	85	84	84.7
	MIN	79	78	75	76	78	79	76	79	78	79	80	80	79	76	79	79	77	78	78	72	78	78	78	74	76	79	79	78	78	77	76	77.6
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX																																
	MIN																																
MIDWAY SAND ISLAND	MAX	86	84	81	82	83	83	83	81	81	82	84	82	85	85	85	78	79	80	74	75	80	82	79	80	81	82	83	75	82	85	87	81.8
	MIN	78	75	73	76	75	73	74	72	73	74	73	73	76	76	74	67	69	70	66	64	62	70	69	66	66	2	72	70	74	74	75	71.8
PAGO PAGO WSO AP	MAX	85	86	86	82	84	86	85	86	85	85	86	84	85	85	85	87	86	85	86	86	87	86	87	86	87	88	88	84	85	86	87	85.8
	MIN	72	72	78	75	73	74	79	79	78	79	76	72	77	74	72	72	77	74	76	78	78	75	72	76	76	79	78	80	73	74	78	75.7
SWAINS ISLAND	MAX																																
	MIN																																
• • •																															
WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	84	81	84	83	85	86	84	86	86	86	83	85	86	86	85	84	85	84	81	84	87	81	83	85	84	83	83	82	85	82	81	84.0
	MIN	77	73	76	77	79	79	74	79	79	78	77	79	80	80	79	76	77	77	78	78	78	77	74	75	77	77	77	76	76	74	74	77.0
CLARK AFB LUZON	MAX	93	93	93	93	93	91	90	84	95	93	88	91	86	91	95	82	81	82	86	82	91	88	90	86	91	90	86	84	90	88	84	88.7
	MIN	79	79	73	82	81	81	81	79	73	75	81	79	79	77	81	81	77	75	73	73	73	75	75	73	75	72	72	75	72	75	73	76.4
GUAM NAS	MAX	89	87	88	88	91	88	85	90	88	88	85	89	88	87	88	85	88	86	85	88	88	85	85	86	85	84	85	88	88	86	85	87.0
	MIN	78	78	79	79	80	79	77	77	78	82	78	78	80	78	78	78	81	81	79	79	81	81	78	80	80	80	76	76	79	80	80	79.0
GUAM WSO	MAX	88	86	87	87	87	88	85	87	87	87	85	85	86	87	87	85	88	87	82	87	87	83	85	86	84	86	87	85	86	85	85	86.0
	MIN	71	71	71	72	73	77	73	75	74	76	72	75	76	74	73	74	71	72	75	74	75	75	72	72	74	72	71	74	75	74	73	73.4
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	88	88	89	88	88	88	88	88	87	88	88	88	84	86	85	88	87	87	87	87	88	85	86	88	87	86	86	87	87	87	87	87.1
	MIN	76	74	77	75	74	77	74	78	75	78	78	73	74	74	74	77	75	76	73	75	77	73	75	75	75	77	76	76	75	77	78	75.5
• • •																															
CAROLINE AND MARSHALL ISLANDS																															
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	92	90	88	91	92	91	83	87	83	86	89	87	88	86	90	91	90	90	89	90	88	88	89	88	89	87	84	89	89	86	88	88.3
	MIN	77	74	76	76	75	76	76	74	74	74	77	76	74	75	76	78	77	77	77	76	75	77	77	78	78	75	74	74	72	74	74	75.6
KWAJALEIN WSO AP	MAX	87	87	86	84	85	85	86	88	88	87	87	81	87	88	89	85	82	88	83	87	84	87	85	85	87	87	87	87	88	87	86	86.1
	MIN	79	78	75	78	75	74	78	76	80	76	77	74	79	79	78	76	76	78	76	77	77	79	75	75	77	80	76	78	80	81	76	77.2
LELE I. KUSAIE	MAX	90	87	87	86	96	90	87	86		84	89	90	90	90	92	88	87	88	90	90	88	88	92	90	87	89	92	88	90	91	89	88.7
	MIN	74	73	74	73	73	74	72	72		70	73	74	73	75	74	73	73	74	76	76	75	75	76	73	76	75	76	78	75	77	75	74.1
MAJURO WSO AP	MAX	86	87	85	83	86	84	85	87	86	86	87	87	86	87	85	84	85	86	86	85	86	84	85	87	86	86	85	86	86	84	82	85.5
	MIN	79	78	76	74	75	74	74	80	77	76	80	79	78	75	74	77	79	77	74	75	75	75	75	78	77	80	76	74	78	78	76	76.5
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	90	84	89	84	80	80	88	88	89	90	89	87	86	91	90	90	89	90	89	90	83	89	79	86	84	89	89	90	87	88	88	87.3
	MIN	74	75	73	73	73	71	73	73	72	72	73	72	72	72	74	75	74	72	70	74	73	71	73	72	73	72	74	74	72	75	74	72.9
TRUK, MOEN I. WSO AP	MAX	90	89	88	89	85	87	85	82	84	87	89	85	89	89	88	89	89	86	89	88	86	89	89	88	86	87	88	87	87	85	89	87.4
	MIN	75	71	74	74	74	74	75	76	76	73	76	74	74	76	76	78	75	75	79	79	73	78	75	75	74	75	75	77	77	75	75	75.3
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	87	88	88	88	88	89	88	85	88	86	84	87	81	86	88	88	86	88	82	86	88	87	88	88	87	85	86	83	83	87	88	86.5
	MIN	74	73	74	75	74	75	74	73	73	72	73	74	72	75	75	77	74	74	76	76	76	74	79	80	74	74	76	74	72	73	75	74.5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
[illegible]																																	
[illegible]																																	
[illegible]	EVAP	.19	.04	.38	.39	.21	.25	.38	.36	.22	.30	.25	.28	.33	.02	.12	.04	.24		.20	.25	.26	.23	.26	.15	.33	.27	.39	.11	.15	.30	.19	7.278
	WIND	124	86	59	17	75	151	213	219	199	178	138	89	103	127	73	140	102	95	146	124	90	161	137	111	133	181	220	235	186	236	243	4441
	MAX	78	75	79	87	88	85	87	86	86	86	87	86	87	86	88	89	89	89	88	87	88	87	86	87	85	85	83	81	82	86	83	85.4
	MIN	68	65	66	62	67	64	69	69	67	67	66	66	66	66	67	66	66	65	68	68	64	64	68	66	66	67	67	66	69	68	67	66.6
[illegible]																																	
[illegible]																																	
[illegible]	EVAP	.25	.20	.14	.10	.15	.15	.27	.18	.22	.23	.26	.23	.19	.27	.25	.19	15	.15	.17	.15	.24	.27	.25	.15	.20	.25	.22		.17	.24	.21	6.258
	WIND	24	14	20	3	18	28	37	26	41	23	33	23	23	25	31	21		-	-	-	-	-	-	-	-	-	-	-	-	32	24	
	MAX	88	90	90	78	86	87	86	88	90	88	95	90	93	91	91	80	86	85	90	87	88	86	90	84	89	85	87	84	81	89	88	87.5
	MIN	68	68	68	68	66	67	66	68	66	66	65	65	65	66	68	67	66	65	66	66	67	67	68	66	65	65	66	68	69	67	67	66.6

[illegible]

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
• • • EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.39	.35	.22	.30	.27	.37	.37	.38	.33	.34	.29	.31	.40	.34	.33	.34	.35	.27	.36	.35	.36	.36	.35	.36	.23	.34	.35	.35	.34	.30	.34	10.34
	WIND	206	195	176	139	130	179	203	196	195	181	196	214	220	223	220	143	154	160	205	128	174	203	218	226	169	185	224	187	185	214	225	5871
	MAX	91	90	95	96	94	91	93	91	92	95	89	93	90	93	93	94	93	96	92	92	92	91	91	92	92	90	88	90	90	89	89	91.8
	MIN	74	72	75	74	74	74	75	74	74	74	74	75	74	74	75	74	74	23	73	73	73	74	75	74	74	73	75	72	74	75	74	72.3
• • • WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.28	.24	.22	.11	.26	.27	.33	.16	.28	.19	.17	.22	.22	.19	.21	.17	.25	.10	.35	.40	.14	.24	.20	.02	.03	.35	.10	.21	.21	.28	.18	6.28
	WIND	47	73		46	73	122	96	107	89	119	77	110	120	74	67	64	40	44	137	62	121	90	45	70	116	32	52	85	171	192	162	2793B
	MAX	96	92	93	91	90	90	85	91	91	91	87	90	90	89	91	86	93	92	86	93	90	82	86	87	87	92	87	87	94	93	93	89.8
	MIN	73	73	73	73	73	75	75	73	73	74	72	72	73	72	73	73	73	73	75	73	74	73	72	75	74	73	73	73	73	74	73	73.3

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
[illegible]	H	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	H	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHA[illegible]	2	22 06	159 22	275				C	LIHUE PLANTATION
[illegible]	H	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
[illegible]	H	0536	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
[illegible]	H	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2202	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
[illegible]		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI, INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 01	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 [illegible]	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI, INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5540	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
[illegible] 1020	H	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 58	159 21	103	MID	MID	8A	C	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5780	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
[illegible]	H	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
[illegible]		5880	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6570	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	3	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
[illegible]		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
[illegible]	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KILAUEA	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
[illegible]		8155	01	HANALEI	1	22 12	159 34	101		6A			MC BRYDE SUG CO LTD
[illegible] RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			CLOSED 3/14/74
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
[illegible]		8949	02	KOLOA	2	21 58	159 31	2100		MO			CLOSED 3/31/73
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1055	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
[illegible]		0155	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807	H	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
[illegible]		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0360	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
[illegible]		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	H	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU												
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB
#HONOLULU WSO 703 AP R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
#HONOLULU SUBSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13	2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777 R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781	3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773 A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841 A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855 A	4318	05	WAIALUA	5	21 33	158 [illegible]	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833 A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804 A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL A	5650	04	WAIANAE	4	21 29	158 [illegible]	1500		WI			U S NAVY
LULUKU	5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1 A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2 A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724	5800	02	HONOLULU	2	21 19	157 39	538	6H	8A			U S COAST GUARD
MANOA 712.1	6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716 R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1	6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770	6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1	6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844	6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783	6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5 A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870 A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1	7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718 R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784 R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4	8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAHIAWA 820.2 A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2	8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709 A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4	8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788	8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13	8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780	8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5	8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713 A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3	8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863 A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837 A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715	9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3	9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847 A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2 A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1	9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836 A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885 A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2	9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6	9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM	9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2	9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892 A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750 A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721 R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI												
KALAUPAPA 563 A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536 A	3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
[illegible]	3547	01	MOLOKAI	1	21 05	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551 A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534 A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
[illegible]	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
MAUNALOA 511 A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
[illegible]	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
[illegible]												
KANEPUU 690 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658 A	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
[illegible]												
[illegible] A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF HAWAII EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		6A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4 A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	11A	11A			HAWAIIAN AIRLINES
HANAHULI 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 R	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 R	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AIRPORT	2307	04	LAHAINA		20 56	156 42	8	8A	8A			AMFAC PROPERTYS
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
[illegible]	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
[illegible]	4193	02	MAKAWAO	2	20 42	156 27	15	8A	8A		S	A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 R	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 R	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
PAAKEA 350	7144	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 R	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
[illegible]	[illegible]	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2	[illegible]	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		WM			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID	MID	C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450		8A		C	GREENWELL RANCH
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
MAUNA MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5221	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIHAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5466	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1		6276	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		8025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS													
ISLAND OF KAUAI													
RESERVOIR 6 1004	A	8573	02	LIHUE	2	21 57	159 27	420		8A			CLOSED 3/14/74
WAHIAWA MOUNTAIN 990		8949	02	KOLOA	2	21 58	159 31	2100		MO			CLOSED 3/31/73

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A		NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY [illegible]

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum [illegible] as recorded by the Beaufort Observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise shown by footnote following the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

  And also on an earlier date or dates.

  Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* [illegible] Time distribution unknown.

< Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

◊ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

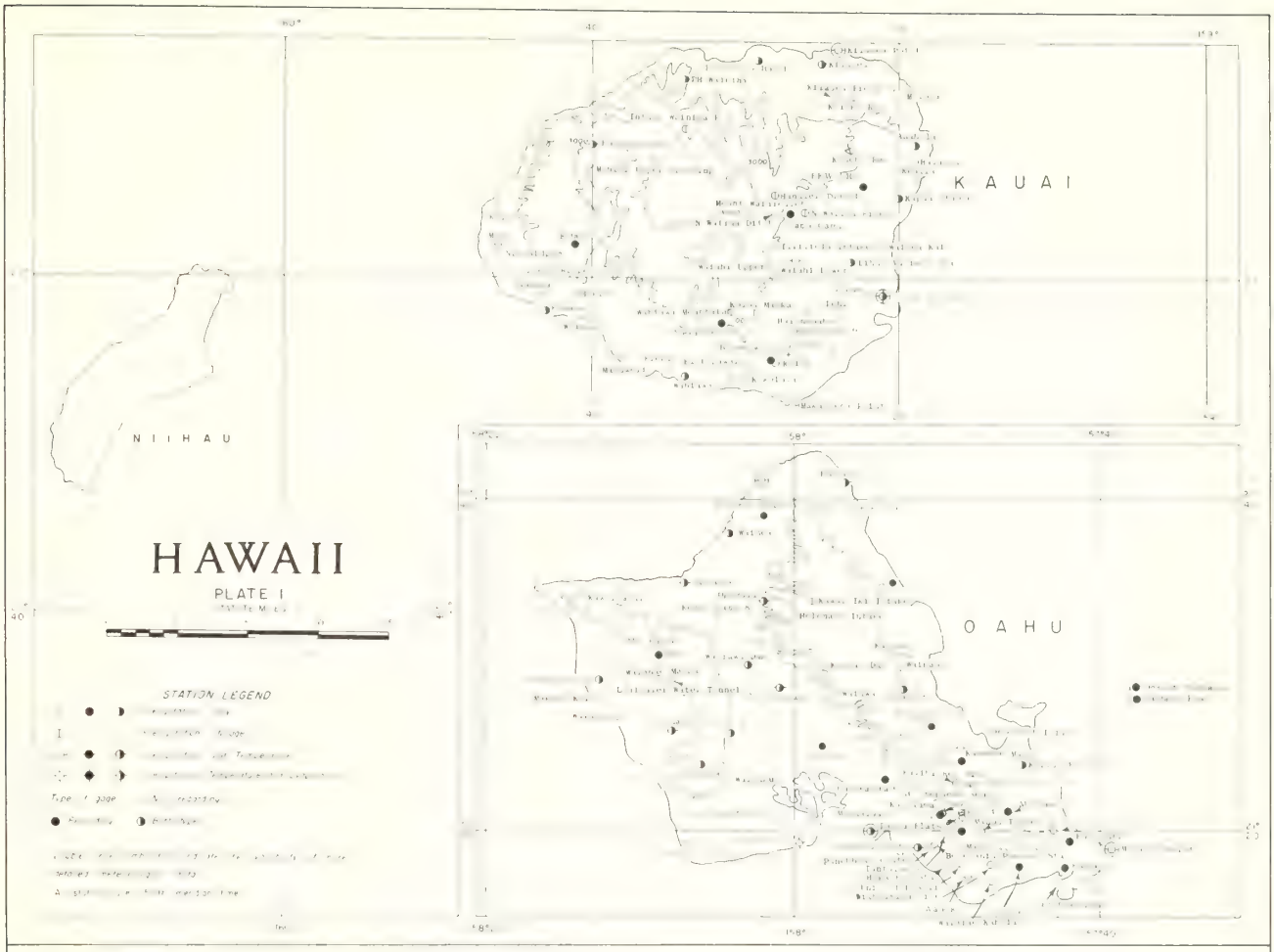
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

Subscription Price: $4.50 a year for each section including annual summary; $4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Haggard
Director, National Climatic Center

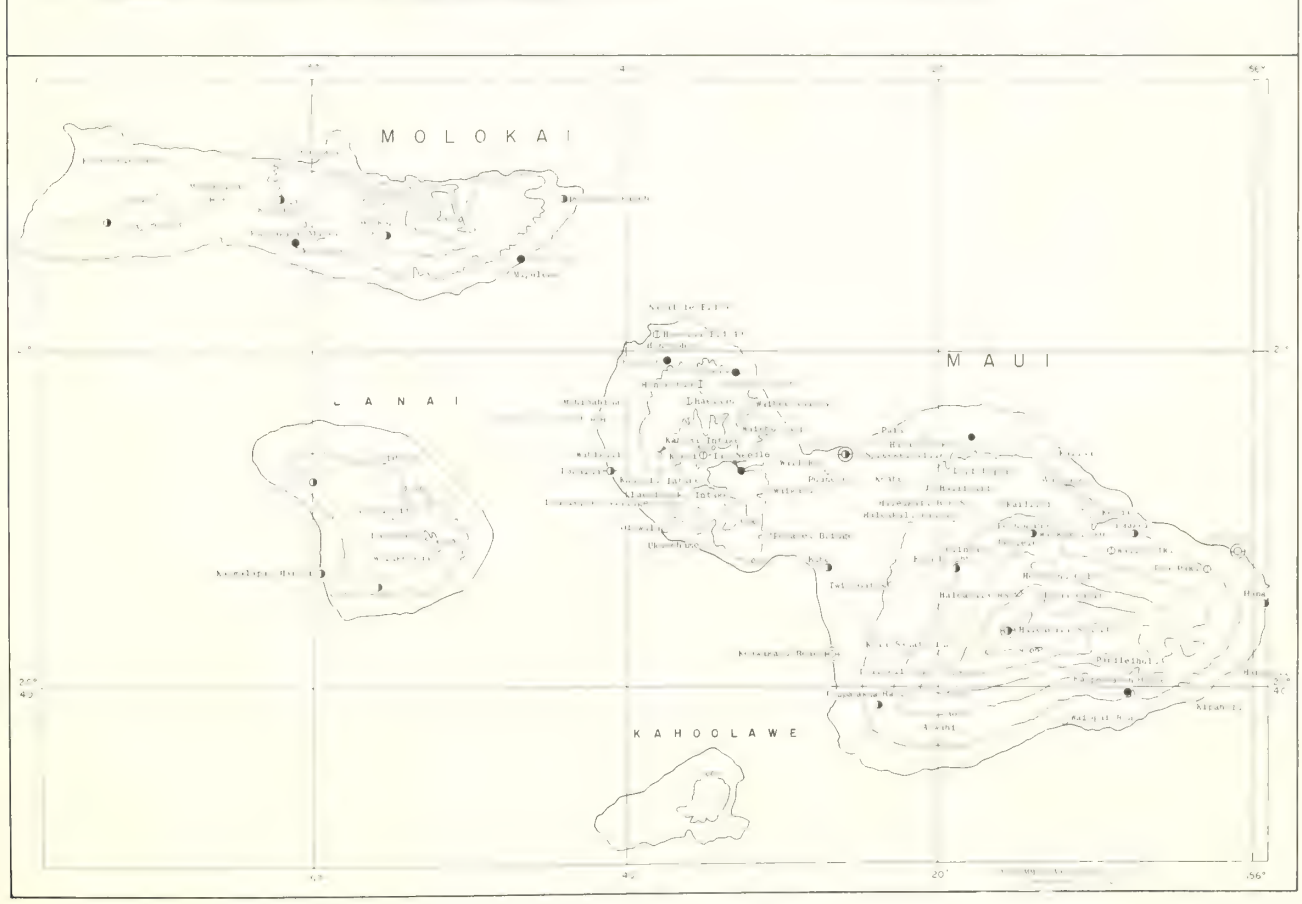
USCOMM-NOAA-ASHEVILLE, N.C. 1/31/75-1100

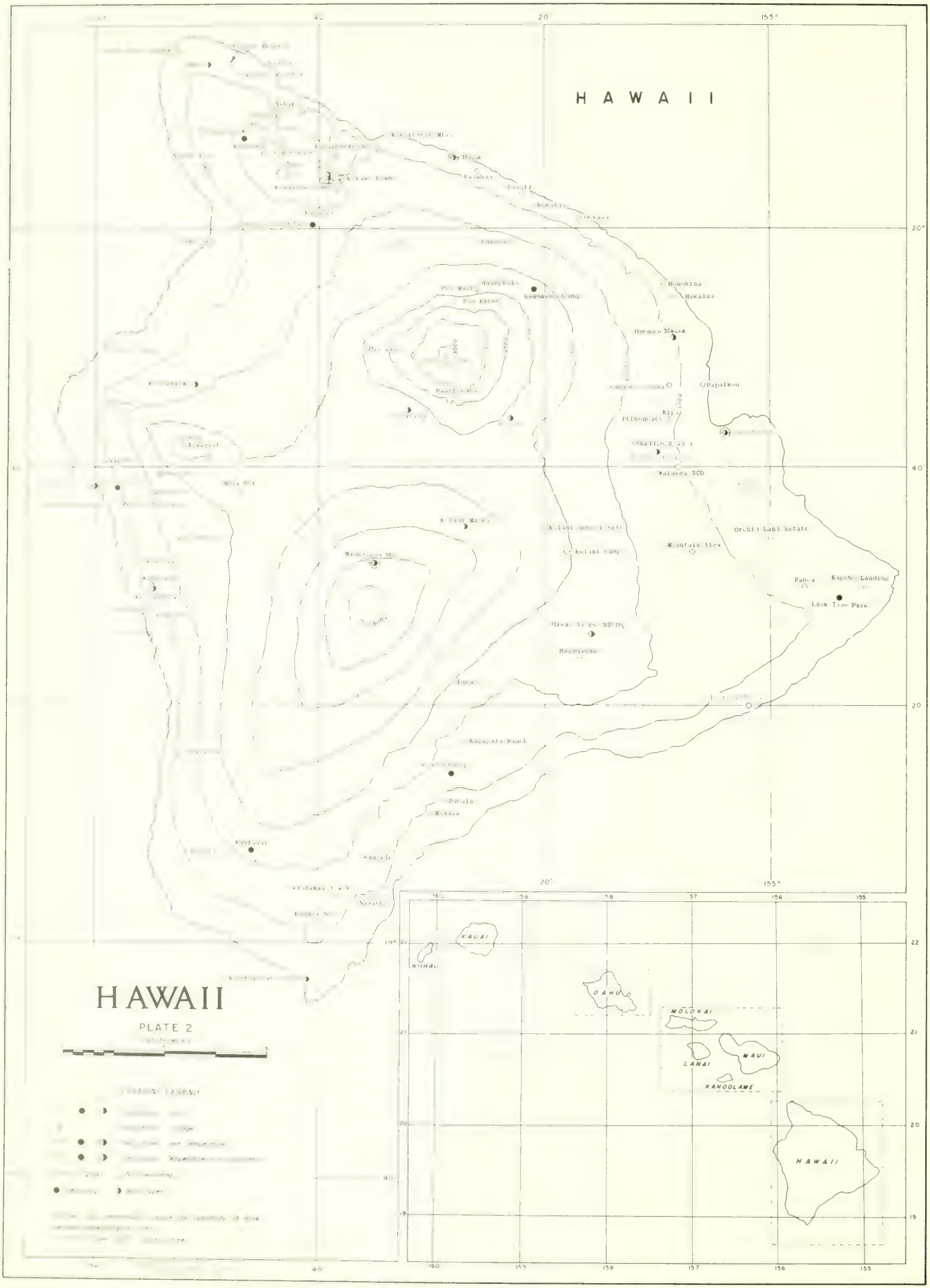


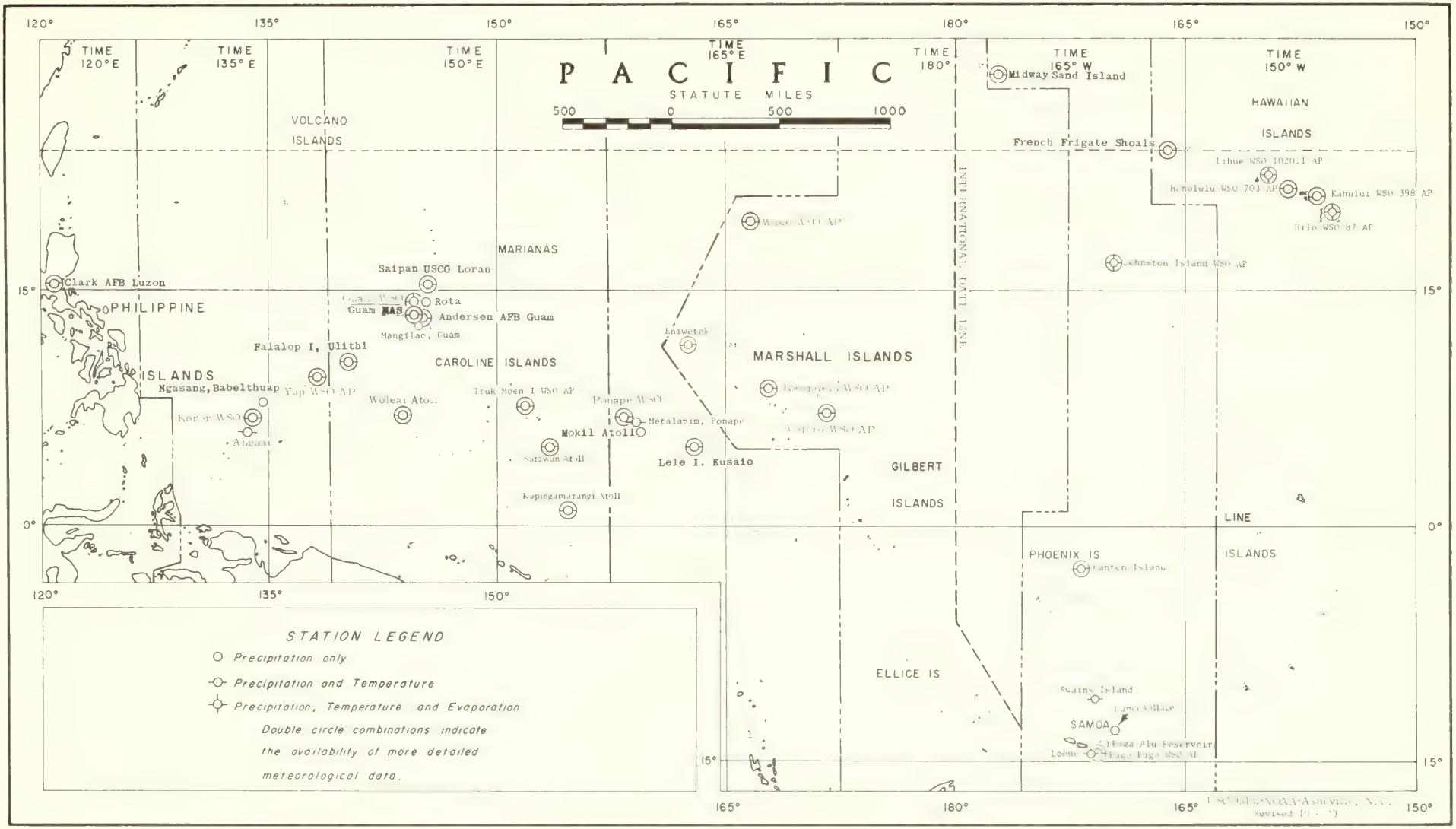
HAWAII

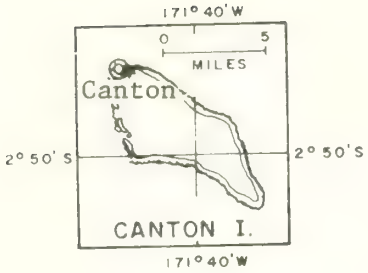
PLATE I

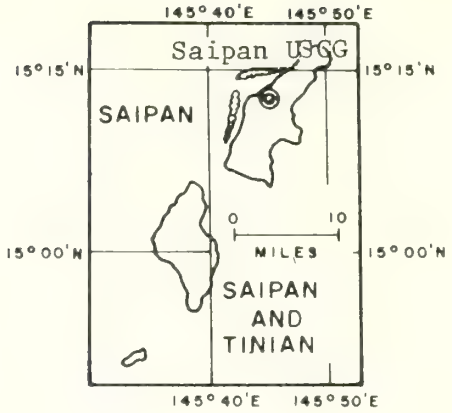
STATION LEGEND

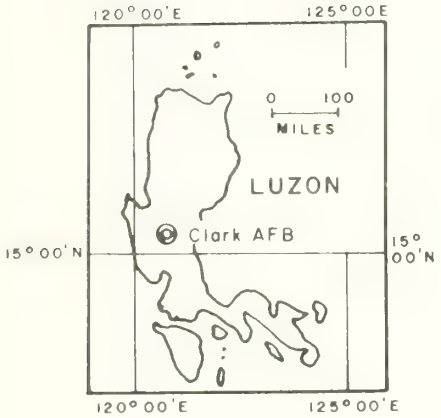


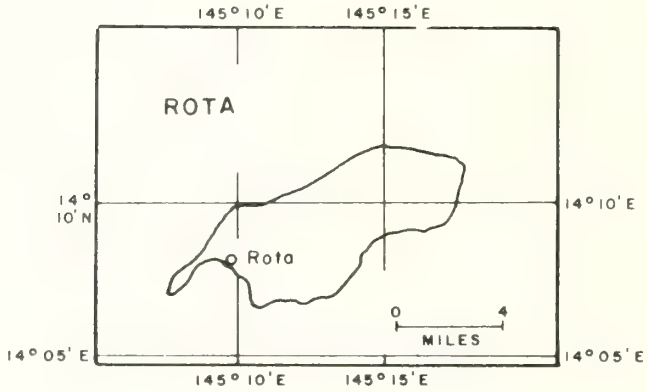

HAWAII
Kealakekua Bay
Hualalai
Kohala Mts.
Mauna Kea
Kawaihae
Honokohina
Hakalau
Keanakakoi Camp
Horokau Mauna
Papaikou
Pihonoae
Saddle Road
Waiakea SCD
Kilauea Iki
Kilauea Crater
Kilauea Caldera
Kilauea Camp
Mountain View
Orchid Land Estate
Pahoa
Kapoho Landing
Lava Tree Park
Hawaii Volcanoes NP Hq
Hawaiian Ocean View
Kaumana
Hilo
Puna
Mauna Loa
Kau Desert
Pahala
Naalehu
Kahuku Ranch
Kau
Kona
Kohala
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
HAWAII
PLATE 2

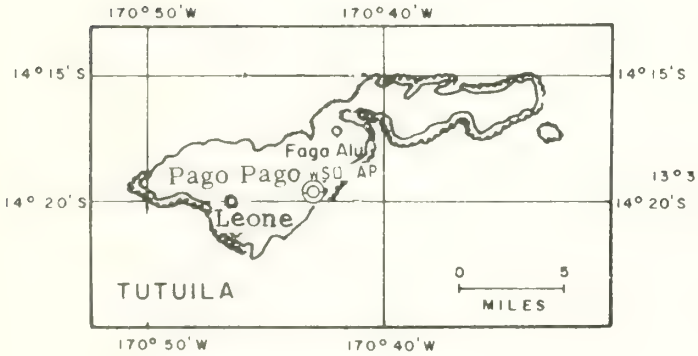

120°
135°
150°
165°
180°
165°
150°
TIME 120° E
TIME 135° E
TIME 150° E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
P A C I F I C
STATUTE MILES
500 0 500 1000
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Rota
Guam NAS
Andersen AFB Guam
Mangilao, Guam
Clark AFB Luzon
PHILIPPINE ISLANDS
Falalop I, Ulithi
Ngasang, Babelthuap
Yap WSO AP
Woleai Atol
CAROLINE ISLANDS
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Eniwetok
MARSHALL ISLANDS
GILBERT ISLANDS
ELLICE IS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Johnston Island WSO AP
PHOENIX IS
Canton Island
LINE ISLANDS
Swains Island
SAMOA
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
15°
0°
ESSA-NOAA-Ashville, N.C.
Revised 10 - 73

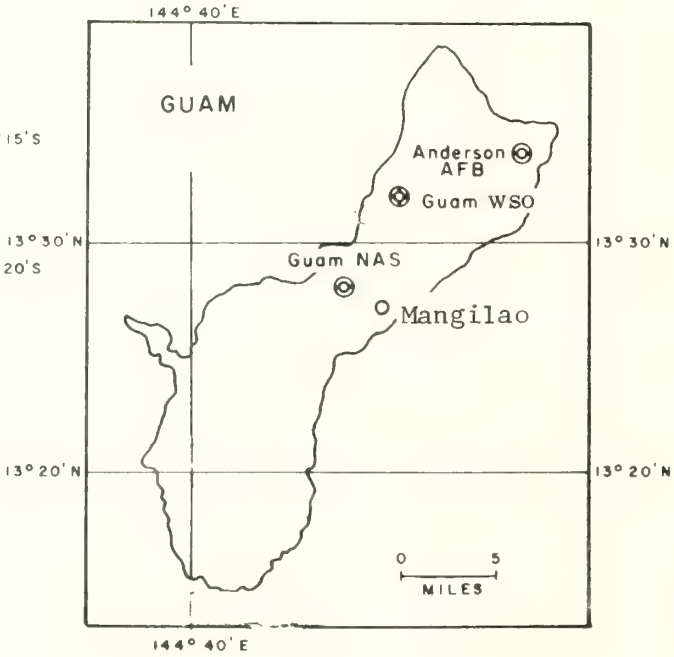

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

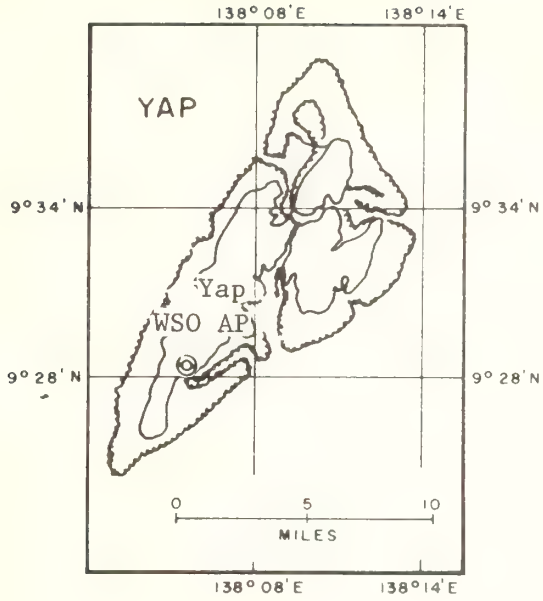

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

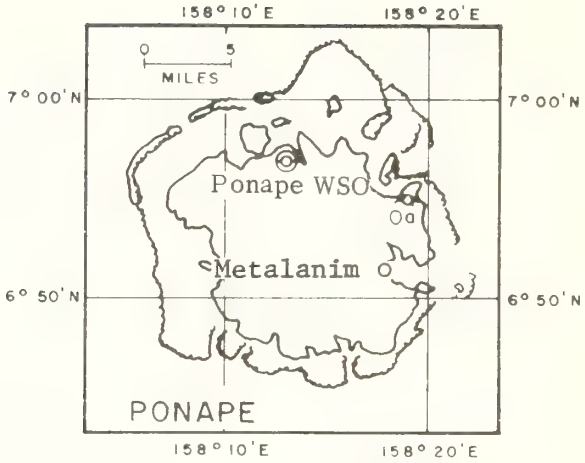

145°10'E
145°15'E
ROTA
14°
10'N
Rota
14°10'E
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

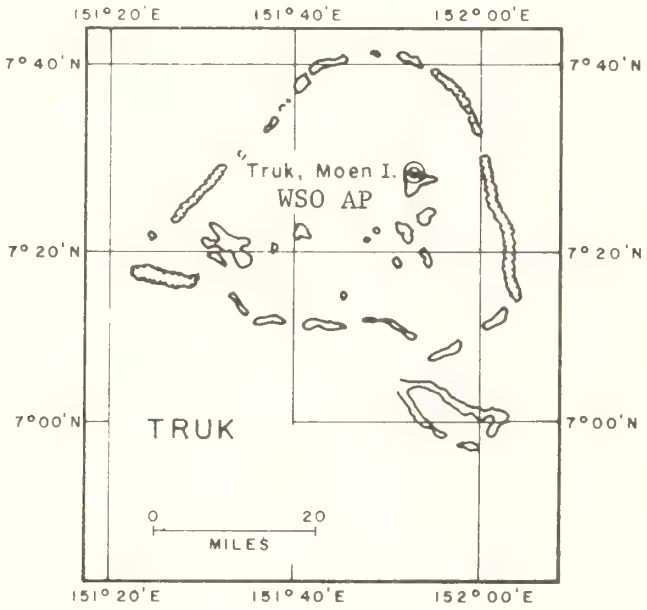

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

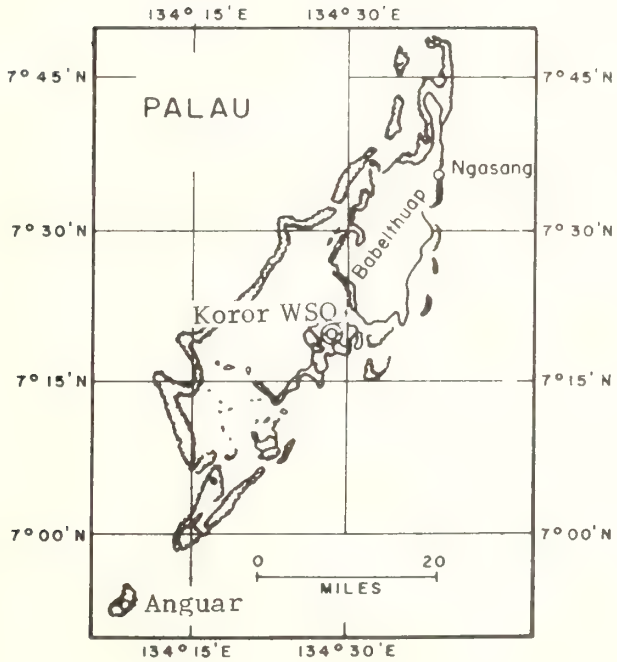

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

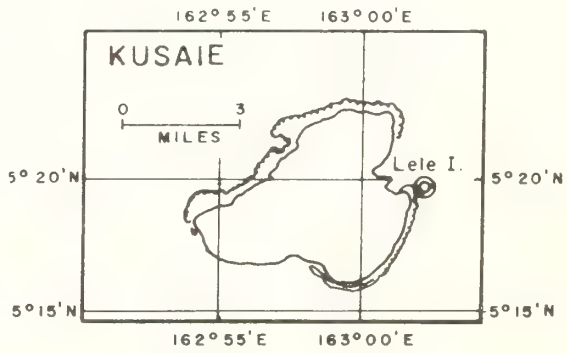
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
Yap
WSO AP
0
5
10
MILES

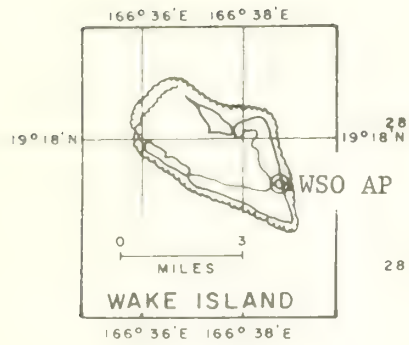

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Metalanim
PONAPE

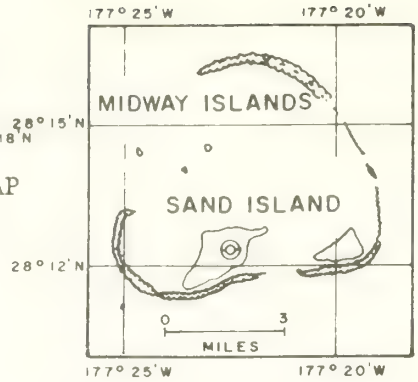

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

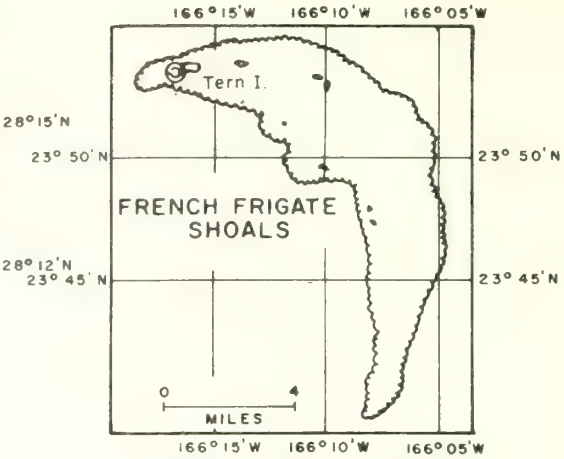

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

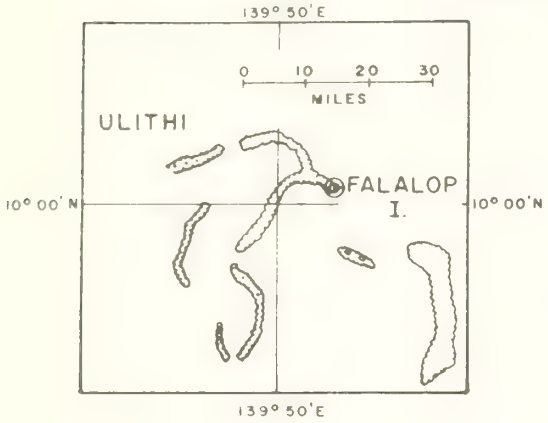

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

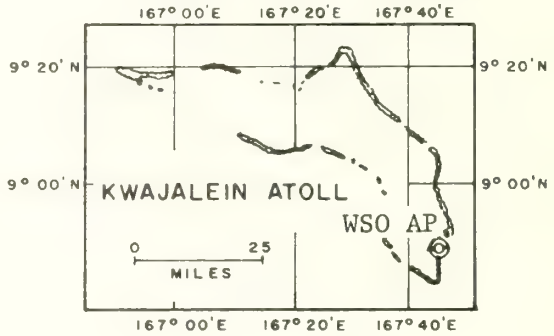
— Reef

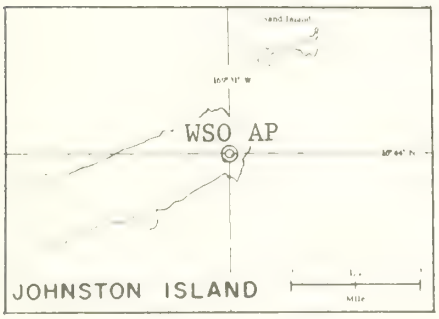

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

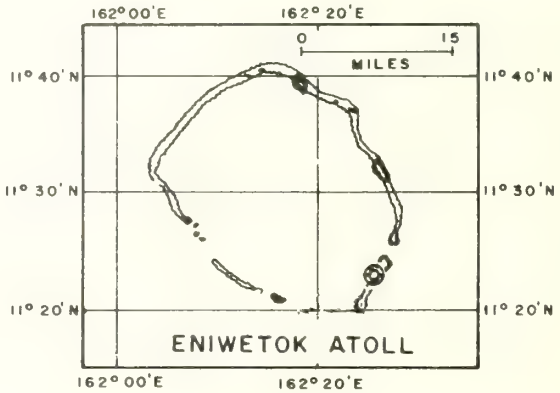

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
28° 12'N
SAND ISLAND
0
3
MILES

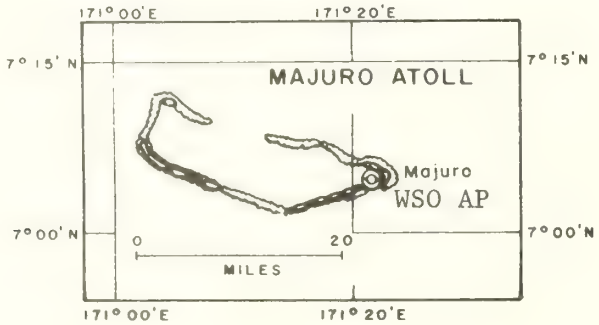

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
23° 45'N
FRENCH FRIGATE
SHOALS
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


WSO AP
JOHNSTON ISLAND


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
7° 00'N
MAJURO ATOLL
Majuro
WSO AP
0
20
MILES

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THIRD CLASS



IOVEMBER 1974 VOLUME 70 NUMBER 11

CLIMATOLOGICAL DATA

AWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	2 STATIONS		89	DATE 11+
LOWEST TEMPERATURE:	2 STATIONS		28	DATE 17+
GREATEST TOTAL PRECIPITATION:	WAIAHI UPPER 1052	KAUAI	25.44	
LEAST TOTAL PRECIPITATION:	MIDDLE PEN 147.1	HAWAII	.00	
GREATEST 1 DAY PRECIPITATION:	MOUNT WAIALEALE 1047	KAUAI	20.94	DATE 21

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TECH. & AGR. DIV.

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT (STANDARD OF TIME: GREENWICH CIVIL)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP	-	-	-	28	SE	03	-	81	83	90	2	11	11	2	3	0	29	61	-
HILO. HAWAII. WSO AP	18	1.1	6.5	21	N	19	84	79	67	84	4	11	5	3	2	2	27	41	6.8
HONOLULU. OAHU. WSO AP	6	7.1	9.8	27	NE	12	80	77	61	73	5	9	4	2	0	0	20	54	5.9
JOHNSTON ISLAND WSO AP	9	17.5	18.4	36	E	14	75	74	69	74	11	11	3	0	0	0	25	63	5.2
KAHULUI. MAUI. WSO AP	5	9.2	11.7	30	NE	10	75	72	58	70	3	5	7	1	0	0	16	60	5.1
KOROR WSO AP	32	2.0	7.6	27	SW	05	91	-	83	81	1	5	8	5	5	1	25	39	9.5
KWAJALEIN WSO AP	7	11.7	13.0	30++	9	02	83	83	76	80	8	3	6	5	1	3	26	-	8.5
LIHUE. KAUAI. WSO AP	5	8.6	12.8	29	NE	11	76	76	68	76	4	11	6	4	1	0	26	52	6.2
MAJURO WSO AP	7	7.7	9.0	29	E	01	82	83	76	80	5	11	4	2	2	1	25	37	8.9
PAGO PAGO WSO AP	4	3.3	8.5	47	NW	18	88	86	75	82	2	4	10	6	3	1	26	38	8.7
PONAPE WSO AP	-	-	-	21	NE	12	90	-	76	78	3	4	7	4	3	4	25	57	8.9
TRUK.MOEN I. WSO AP	7	4.7	8.4	23	W	21	85	-	79	80	1	4	10	4	5	1	25	67	9.8
WAKE WSO AP	7	15.8	17.1	33	NE	19	83	85	69	78	4	14	6	0	0	0	24	-	3.8
YAP WSO AP	9	2.8	8.9	42	SW	04	89	-	80	80	2	5	9	2	6	2	26	61	8.4

OAA NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / ENVIRONMENTAL DATA SERVICE / ASHEVILLE. N.C.

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
NOVEMBER 1974

STATION		TEMPERATURE											PRECIPITATION									
										NO. OF DAYS							SNOW, SLEET			NO. OF DAYS		
										MAX.	MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	70° OR BELOW	32° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																							
• • •																							
ISLAND OF KAUAI																							
WAIAHOLA 1114	A													6.98				.0	0				
WAIAHOLE 1075		65.7	51.5	58.6		74	10+	44	27		0	0	0	0	10.22		2.44	18	.0	0		15	6	4
KAPAA STABLES 1104	A														6.05				.0	0				
MEADER FIELD 17 1135	A																		.0	0				
MILAHOA POINT 1134																			.0	0				
MOLOA 446	A														12.93		3.70	21	.0	0				
LIHUE WSO 1020.1 AP	AR	81.1	70.7	75.9	.7	85	5	65	15		0	0	0	0	6.47	.84	1.24	23	.0	0		11	5	1
MANA 1026		84.5	65.0	74.8	.1	89	11+	61	17		0	0	0	0	4.37	1.93	2.31	18	.0	0		5	3	1
N WAILUA DITCH 1051	A														24.23		5.87	22	.0	0				
KM WAINIHA 1115															▪	6.11	4.54	21	.0	0				
KOKEE RIDGE 1940															4.51	1.12	1.73	18	.0	0		5	3	2
WAHIAWA 930	A														9.76	5.89	3.34	22	.0	0				
WAIAKI LOWER 1054		79.7	62.6	71.2		85	22	58	29+		0	0	0	0	18.58	6.56	4.22	22	.0	0		21	10	6
WAIMEA 947															3.59	1.23	1.27	25	.0	0		5	3	1
ISLAND				70.1											10.49				.0					
• • •																								
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		81.2	69.0	75.1		85	3+	61	18		0	0	0	0	9.64		3.55	22	.0	0		13	3	2
HONOLULU OBSERV 702.2															1.74		.56	21	.0	0		7	1	0
HONOLULU WSO 703 AP	R	83.4	67.9	75.7	- .8	88	2	60	15		0	0	0	0	2.69	.30	.87	21	.0	0		6	2	0
KANEOHE MAUKA 781		80.5	69.5	75.0	1.1	84	3	61	15		0	0	0	0	10.49	2.42	4.91	22	.0	0		13	5	2
KOOLAU DAM 833	A														18.60		4.07	21	.0	0		20	13	6
LUALUALEI 804	A	82.6	66.3	74.5		88	4	60	30		0	0	0	0	2.31				.0	0				0
MAKAPUU POINT 724																								
NUUANU RES 4 783															15.18		6.82	21	.0	0				3
OPAEULA 870	A	78.3	65.6	72.0	1.6	82	26+	60	18+		0	0	0	0	7.86		2.10	22	.0	0				
PALOLO VALLEY 718	R														17.40	4.50	6.06	21	.0	0		17	8	5
FRI WAHIAWA 820.2	A	M	M	M							0	0	0	0	6.17				.0	0				
WAHIAWA DAM 863	A														6.60				.0	0				
WAIAHOLE 837	A														15.33				.0	0				
WAIAKEE 896.3		81.4M	69.0M	75.2M		86	3	64	20+		0	0	0	0	5.54		.92	22	.0	0			4	0
WAIALUA 847	A	81.9	65.2	73.6	.1	87	3	61	19+		0	0	0	0	3.06	.09	.70	17	.0	0		6	3	0
WAIKIKI 717.2		83.3	66.1	74.7		88	5	61	30+		0	0	0	0	3.78		1.10	22	.0	0		10	2	1
WAIMANALO EXP FARM		80.8	69.3	75.1		84	3	64	19+		0	0	0	0	5.57		1.24	22	.0	0		10	5	1
WAIPAHU 750	A														3.74		1.05	21	.0	0				1
ISLAND				74.5											7.98				.0					
• • •																								
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														4.97				.0	0				
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														3.89				.0	0				
MOLOKAI AP 524		80.7M	66.9M	73.8M		88	9	62	16+		0	0	0	0	4.45		1.15	17	.0	0		9	4	1
ISLAND				73.8											4.44				.0					
• • •																								
ISLAND OF LANAI																								
LANAI CITY 672	A	72.7M	62.7M	67.7M	- 1.3	81	1	54	21		0	0	0	0	2.35	- 1.78			.0	0				0
ISLAND				67.7											2.35				.0					
• • •																								
ISLAND OF MAUI																								
HALEAKALA 8 E S 434	A														11.13		2.41	21	.0	0		11	6	5
HALEAKALA RS 338		59.6	42.4	51.0	- 2.6	69	1	32	15		0	0	1	0	6.20	.65	1.48	12	.0	0		14	4	1
MANA AIRPORT 355		80.1	67.6	73.9		83	2	60	17+		0	0	0	0	7.70		2.04	21	.0	0		16	4	2
MONOKOHUA 493	A														3.12		.88	22	.0	0			2	0
KAANAPALI AP 453.1															▪				.0	0				
KAHULUI WSO 398 AP	R	83.0	67.4	75.2	.1	88	2	61	29		0	0	0	0	2.25	- .08	.70	16	.0	0		8	1	0
KAILUA 446		M	M	M							0	0	0	0	15.80	3.51	5.70	22	.0	0				
KEANAE 346	A														▪				.0	0				
KIPAHULU 258															10.12	.46	1.35	23	.0	0		20	8	3
KULA SANATORIUM 267		72.3	56.4	64.4	.0	76	27+	49	16		0	0	0	0	1.90	- 1.05	.75	24	.0	0		4	2	0
LAHAINA 361		84.8	67.1	76.0	.8	89	11+	62	16		0	0	0	0	2.21	.14	.84	18	.0	0		3	2	0
PAIA 406															4.31	.90	1.25	22	.0	0		8	3	1
WAIOKA 186	A	M	M	M		83	19+				0	0	0	0	3.31	.52			.0	0				
ISLAND				68.1											5.67				.0					
• • •																								
ISLAND OF HAWAII																								
HAINA 214		80.0	65.7	72.9	.5	83	23	62	17+		0	0	0	0	3.95	- 2.05	.98	12	.0	0		9	3	0
HAWAII VOLCANO NP HQ 54		67.0	52.0	59.5	- 1.1	71	27+	47	15+		0	0	0	0	10.86	- .61	4.46	19	.0	0		13	4	3
HILO WSO 87 AP	R	81.4	65.7	73.6	.1	84	22+	59	16		0	0	0	0	14.56	.79	4.27	20	.0	0		12	7	▪
HUEHUE 92.1	A														2.04				.0	0				0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE													PRECIPITATION									
											NO. OF DAYS								SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.											
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90° OR ABOVE	32° OR BELOW	32° OR BELOW	0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
KAINALIU 73.2		77.9	61.7	69.8		80	8+	57	16+		0	0	0	0	3.83	- .46			.0	0				
KEAAU 92		79.4	63.7	71.6		82	26+	57	16		0	0	0	0	18.40		4.85	20	.0	0		16	8	5
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	1.09		.40	19	.0	0				
KUKUIHAELE HIC 199															5.68	- .82	1.17	20	.0	0		9	4	2
KULANI CAMP 79		62.5	45.7	54.1		69	20	39	13		0	0	0	0	9.15		2.65	19	.0	0		14	5	2
PAHALA 21	B	79.7M	61.5M	70.6M	- 1.3	86	7	58	30+		0	0	0	0	6.85		4.23	19	.0	0		8	3	1
POHAKULOA 107	A														1.40		1.40	22	.0	0		1	1	1
PUAKO 95.1	A	83.1	67.7	75.4		87	18+	62	16		0	0	0	0	.43		.25	19	.0	0		2	0	0
PUU WAAWAA 94.1	A														1.80		.89	22	.0	0			2	0
UMIKOA 118															9.34	2.23	2.87	22	.0	0			7	2
WAIAKEA SCD 88.2															15.58		4.12	20	.0	0		15	10	3
ISLAND				68.4											7.00				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE											PRECIPITATION									
										NO. OF DAYS										NO. OF DAYS		
										MAX.		MIN.										
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	90 OR ABOVE	32 OR BELOW	32 OR BELOW	70 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																						
• • •																						
EAST OF 180TH MERIDIAN																						
ATOLL RES RESERVOIR															11.17		2.32	10	.0	0		22	6	3
JOHNSTON WSO AP	R	82.7	75.8	79.3		85	2+	72	4		0	0	0	0	1.09		.27	12	.0	0		3	0	0
LEONE															19.54		4.00	18	.0	0		22	11	6
FRENCH FRIGATE SHOALS																			.0	0				
PUMA VILLAGE															10.55		3.86	26	.0	0		6	3	
MIDWAY ISLAND ISLAND		81.3	72.9	77.1	5.2	87	16+	68	26		0	0	0	0	5.03	1.08	3.03	8	.0	0		5	2	2
PAGO PAGO WSO AP	R	86.5	74.9	80.2	.3	89	30+	69	4		0	0	0	0	12.73	2.42	2.09	17	.0	0		20	10	4
SWAINS ISLAND																			.0	0				
• • •																						
WESTERN PACIFIC U.S. NORTH OF 12 N																						
ANDERSEN AFB GUAM		84.4	77.7	81.1	.8	87	12	75	22+		0	0	0	0	6.88	- 1.08	1.11	11	.0	0		14	7	1
CLARK AFB LUZON		85.3	72.6	79.0	.4	90	10+	70	30+		3	0	0	0			1.81	13	.0	0		10	6	5
GUAM NAS		84.9	79.5	82.2	1.2	87	8	77	22+		0	0	0	0	6.41	- 2.31	1.28	3	.0	0		17	2	2
GUAM WSO	R	85.2	73.8	79.5	.3	87	5	69	30		0	0	0	0	8.03	- .48	1.35	2	.0	0		16	5	3
MANGILAO																			.0	0				
KOROR																			.0	0				
SAIPAN USCG LORAN																			.0	0				
SAIPAN WSO AP	R	85.4	73.9	79.7	- .7	87	15+	71	17		0	0	0	0	1.88	- 1.14	.36	23+	.0	0		6	0	0
• • •																						
MARSHALL ISLANDS																						
ANGUAR															12.10	2.16	3.15	9	.0	0		9	4	
ENIWETOK																			.0	0				
FALALOP I. ULITHI																			.0	0				
KWAJALEIN WSO AP	R	86.1	77.7	81.9	.2	88	28+	74	1		0	0	0	0	13.84	2.38	2.84	1	.0	0		15	9	4
LELE I. KUSAIE		89.1M	74.5M	81.8M	.4	93	19+	67	22		14	0	0	0	8.90	- 7.64	1.66	5	.0	0				3
MAJURO WSO AP	R	85.0	76.7	80.9	- .3	87	9+	74	1		0	0	0	0	9.29	- 6.09	3.07	1	.0	0		9	5	3
METALANIM																			.0	0				
MOKIL ATOLL																			.0	0				
NGARANG.BABELTHUAP															12.27		2.15	14	.0	0		13	8	6
PONAPE WSO	R	87.4	71.5	80.7	.4	91	5+	69	4+		7	0	0	0	20.79	3.62	3.37	13	.0	0		18	11	7
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	87.1	76.5	81.8	.5	90	19	74	30+		1	0	0	0	14.91	2.92	2.53	30	.0	0		20	10	6
WOLEAI ATOLL																			.0	0				
YAP WSO AP	R	86.2	75.1	80.7	- .8	89	26	72	9		0	0	0	0	18.85	8.82	4.10	4	.0	0		19	10	8

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1974

DAY OF MONTH

STATION		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * * ISLAND OF KAUAI																																	
AMAHOLA 1114	A	6.98							.10	15	*	*	35	05	09	09	02	*	*	1 40	04	16	60	1 09	*	*	2 34			*	*	*	
BARDES#200 STA 985	A	13.87	14	*	*	.11	.11	30	.06	42	*	*	3 15	18	02	02		*	*	76	16	.24	1 60	1 20	*	*	1 99	<1		*	*	*	
EAST LAWAI 934	A	13.48	05	*	*	05	11	24	.08	52	*	*	2 71	13	02	01	02	*	*	1 01	01	57	4 06	1 76	*	*	2 20						
ELEELE 927	A	8.41	T	*	*	.08	05	02	T	30	*	*	1 22	07				*	*	08	50	03	1 17	2 65	*	*	2 24			*	*	*	
HALAULA 1110	A	7.25		*	*	03		02	05	10	*	*	70	05	05	06	02	*	*	1 30	05	17	1 05	1 10	*	*	2 50			*	*	*	
HALENANAHO 1006	A	14.22	.25	*	*	26	08	36	27	15	*	*	1 67	47	04	03		*	*	2 14	54	35	2 88	2 42	*	*	2 51			*	*	*	
HUKIPO 945		3.48											62							1 13	04	10	24				1 45						
ILILIULA INTAKE 1050	A	26 46	38	*	*	33	13	21	50	42	*	*	2 72	46		08	48	*	*	4 41	21	56	4 52	7 20	*	*	2 68		1 18	*	*	*	
INTAKE WAIMIHA PC 1086	A	29 66	.47	*	*	07	*	*	*	1 28	*	*	5 20	1 00	*	03	*	*	*	4 71	*	5 35	7 47	3 60	41	*	07	*	*	*	*	*	
KAMALOHULUHULU 1075		10.22		01		04		03	04	10		27	51	46	.09	11	51	1 18	1 28	2 44	19	39	1 04	85	40	25	02	01	02	.01	.02	.04
KANEHA RESERVOIR 1092	A	14.55		*	*	.11		11	46	40	*	*	1 50	34	10	06		*	*	3 35	10	30	1 31	3 07	*	*	2 65			*	*	*	
KAPAA STABLES 1104	A	6.05	02				04	*	*	50	03	05	15		*	*	1 08			3	58	1 18	*	*			2 47			*	*	*	
KEALIA 1112	A	6.41		*	*	.09			05	10	*	*	80	05	07	03		*	*	1 45	05	15	50	19	*	*	2 28			*	*	*	
KEKAHA 944		3.60											64	03						1 22		59	20	26	1 22	03							
KILAUEA 1134	A	11.14				.36		10	10				1 24	44						2 83			43	3 55			1 47				08		
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILAUEA POINT 1133		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KOLO 1033		4.24															10	40	09	2 66			22	25	40	18							
KOLOA 936	A	12.93	.04	*	*	10	17	24	16	42	*	*	2 46	12	.02		07	*	*	1 15		23	3 70	1 36	*	*	2 70			*	*	*	
KOLOA MAUKA 904	A	19.10	*	*	*	*	95	*	*	*	4 27	*	*	*				*	*	*	1 43	*	*		*	*	*	*	12	45	*		*	
KOLOKO RES 1137	A	10.44	.85	*	*	*	*	*	*	.77	*	*	*	*	*	*	1 52	*	*	*	*	*	*	5 70	*	*	*	*	*	1 60	*		
KUKUIULA 935	A	9 64	.04	*	*	01	06	10	12	19	*	*	1 72	15	02		02	*	*	1 04		16	2 02	2 05	*	*	2 34			*	*	*	
LIHUE VARIETY STA	A	10.10	.12	*	*	.17	01	45	11	.24	*	*	1 61	16	08	06	10	*	*	1 95	12	33	1 64	1 01	*	*	2 02	02		T	.03	.03	
LIHUE 1020	A	7.09	.09	*	*	.17		14	11	08	*	*	.95	07	04	08	35	*	*	1 58	25	14	1 28	58	*	*	1 47	01		*	*	*	
LIHUE WSO 1020.1 AP	//R	6 47		02	T	.01		19	09	02	01	51		04	02	T	41	10	93	42	04	34	40	79	1 24			T	T	.03	.03	.25	
MAKAHUENA POINT 940.1		-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MAKAWELI 965	A	5.32			.01	01	01	01		02			81							13	17	46	70	1 52	1 56			01						
MANA 1026		4 37								05		.05		07					27	2 31			78	23	53	08							
MOHIHI UPR CROSS 1083	A	17.98			.08	08		08	24	24	32	1 04	88	08	16	24	1 68	1 44	2 16	*	*	*	*	3 10				08				08
MOLOAA 1145	A	8.17	.10			*	*	18	*	.15	*	*	.72	*	22	*	06	*	*	1 40	*	.23	*	2 00	*	*	3 10			*	01	*	
MOUNT WAIALEALE 1047	R	*	.04	.08	.43	.43	24	1 18	1 10	1 54	1 85	3 54	2 80	24	63	08	01	1 89	4 84	1 64	79	7 20	20 94	20	*	*	*	*	*	*	*	*	
NIU RIDGE 1035		5.62											31				12			1 91		.08					2 20						
N WAILUA DITCH 1051	A	24.23	13	*	*	30	08	15	42	53	*	*	2 62	91	18	08	28	*	*	5 47	15	1 08	1 41	5 87	*	*	2 55	.01	.01	*	*	*	
PW WAIMINA 1115		*	.01	*	*	08	T	32	26	56	*	*	2 82	63	02	03	12	*	*	2 67	T	.21	4 54	4 08	*	*	1 70	20		*	*	*	
PRINCEVILLE RANCH 1117		*	.09	*	*	.17		26	13									*	*	4 47	01	.08	1 09	6 40	*	*	1 43			*	05	*	
PUEHU RIDGE 1040		4.51											40							1 73	06	.04	76	32	1 15		06						
PUKI 1013	A	7.03	.05	*	*	.06	.01	.03	.05	33	*	*	77	08	.07	08	07	*	*	1 18		.03	1 84	99	*	*	1 39						
WAHIAWA 930	A	9.76	.01	*	*	.01	.09	.04	T	.35	*	*	1 45	07				*	*	28	T	.01	1 47	3 34	*	*	2 64			*	*	*	
WAIAHI LOWER 1054		18.58	.34		.12	.08	.14	.40	.22	38	15	1 72	1 08	48			05	03	48	66	1 26	57	.51	2 97	4 22	1 74	67			16	05	10	
WAIAHI UPPER 1052		25.44	.31	.03	13	19	16	18	45	26	65	1 80	1 20	37	06	04	08	1 16	1 41	39	19	81	4 18	7 16	1 51	1 32	02			14	03	19	
WAIAWA 943		4.38										46	06				07			1 76		22	30	10	1 36	04	01						
WAILUA KAI 1065	A	8.62	.02	*	*	07		07	13	14	*	*	1 21	10	06	11	09	*	*	1 28	21	17	96	1 70	*	*	2 30			*	*	*	
WAIMEA 947		3.59											64							92	06	.09	19	42			1 27						
WEST LAWAI 931	A	10 12	.06	*	*	02	10	11	12	18	*	*	1 88	09	04	02	01	*	*	60	15	11	2 45	2 17	*	*	1 96	.03		*	*	*	
* * * ISLAND OF OAHU																																	
BERETANIA PUMPING STA		4 48				.07		T	.18	.07	.06	68	16	11			05		39	45	05		27	80	35	23		01					
CAMPBELL IND PK 702.5		1.77				T		.04		T		35	03	T			01		14	04	16		34	31	08	.17	.14						
CAMP 84 807	A	6.44	*	*	*	10	*	.15	.10	03	*	*	25	03	*	*	*	*	*	1 68	*	*	2 48	89	*	*	73			*	*	*	
CHURCH COLLEGE LAIE		9.64				T		.04	02	24	15	35	10	05	15	10	02	15	3 00	08		18	84	3 55	15	.32	T	T	01	.03	01	T	
COCONUT ISLAND 840.1		5.59				06	*	06	06	06	02	04	04	01		01	01	06	1 30	65	01	04	83	76	10	1 25	01	01		*	20		
EWA PLANTATION 741		2.04					02	05	05	*		*	22	04				04	08	39		06	41	34	16	18							
HELEMANO INTAKE 881	A	11.65	*	*	*	09	*	*	23	*	*	*	2 86	*	*	80	*	*	*	3 65	*	*	*	3 95	*	*	08	*	*	*	*	*	
HONOLUA 725.2	A	3.33	*	*	*	*	13	*	*	*	*	*	*	*	*	*	*	*	*	1 08	*	*	*	*	*	*	06	*	*	*	06	*	
HONOLULU OBSERV 702.2		1.74		02		.04		.02	.05			.15	02	10	.02	03			03	11	15	01	T	56	03	20	20						
HONOLULU WSO 703 AP	R	2.69			01	01	T	01	08	T	32	T	09	T	02	01	06	19	72			10	87	19	05				T			
HONOLULU SUBSTA 704	R	4.36				08		06	12		.64	01	06		05	05	05	34	24		03	45	1 96	20	12							
H S P A EXP STA 707		4.99	T			08		02	.15	08	09	65	28	26	01	09	T	48	42	01	T	38	92	73	24	10						
KAENA POINT 841.3		*	*	*	*	*	*	.04	*	19	*	*	1 10	05	*	*	*	*	*	1 15	*	*	*	*	*	*	*	*	*	*	*	*	
KAHANA 883	A	25.56	*	*	*	2 84	*	*	*	*	*	*	4 00	*	*	*	*	*	*	7 40	*	*	*	*	*	*	11 32	*	*	*	*	*	
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KAILUA FIRE STA 791.3		5.27			.01				.50		28		08	11			05		72	1 06		53	59	51	13		61	01	05		03		
KALIHI RES SITE 777	R	14.78	.06	.12	.02	.06	.06	30	.80	26	44	.44	28	02	.02	02	22	74	94		12	1 74	7 66	18	14		02		08		.04		
KANEOHE MAUKA 781		10.49	.05	.03		.02	.03	07	.23	16	01	.18	17	05		03	01	60	57	72	02	39	1 60	4 91	14	.47				12	01		
KAPALAMA 773	A	9.08		*	*	.20			.43	43	*	*	2.00				08	*	*	1 61		28	1 88	1 89	*	*	28			*	*	*	
KAWAINAPAI 841	A	3.08		*	*	.03		05	05	09	*	*	07	*	10	05	07	*	*	1 03	01	08	65	44	*	*	36						
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KEMBO CAMP 8 855	A	3.94	T	*	*	.03		01	.04	.01	*	*	12	04	09	12	.09	*	*	1 80		17	40	80	*	*	12						
KOOLAU DAM 833	A	18.60	.04	.15	.11	.43	.11	15	64	.95	.55	1 22	1 25	1 25	04	57	08	42	2 90	.72		12	4 07	1 02	94	12		05		03	07		
LUALUALEI 804	A	2.31				.03			04	.04	*	*	15			03	.01	*	58	35	37	50	*	05	12	*	04	*	*	*	*	*	
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
MAKAHA KAI 796.1	A	1.98				T			T				T	01	04	04	02	50	33	26	T	T	17	33	15	13							
MAKAHA PUMP 800.2	A	3.16				.02	.07	02	.02				.01	08	09	.07	05	04			1.97		22	33				16	.02			
MAKAPUU POINT 724		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANOA 712.1		11.25			.05	.15		.07	.32	.18	53	1 49	.71	50	18	.28	02	38	82	20	08		3 17	2 15						01			
MANOA TUNNEL 2 716	R	20.34		.02	.26	08	12	26	.56	32	1 38	1 02	.50	04	18	14	56	92	1 24		30	3 20	7 12	*	*	*	*	1 84	26			02	
MOANALUA 770		5.64		.01		.06		02	.25	.25	.08	*	.59	12		*	14	29	*	1 65	T	03	88	1 05	16	*	06						
MUUAMU RES 4 783		15.18		.06	.04	.06	.04	.54	.88	10	50	.32	22		08	02	24	70	1 84		22	1 78	6 82	22	*	*	50						
MUUAMU RESERVOIR #5	A	13.39	*	*	*	.24	*	*	*	*	*	*	3.60	*	*	*	*	*	*	1 84	*	*	*	*	*	*	7 70	*	*	*	*	01	
OPAECLA 870	A	7.86		*	*	12		07	.18	28	*	.20	.10	30	02	20	*	*	1 19	1 00		.60	80	2 10	*	*	65			*	*	05	
PALI GOLF COURSE 788.1		9.63	.02	.05	.01	.04	.01	07	.25	26	01	.10	03	02	02	09	02	74	1 96	.32	.47	.48	1 50	2 50	13	29	.01	.01	.17	.02	.01	.01	
PALOLO VALLEY 718	R	17.40		.04	.26	.18	.42	.08	.30	.16	1.04	96	42	02	10	04	.60	1.38	1.12	02	26	3.00	6.06	.72	10	.02	02						
PAUOA FLATS 784	R	22.34	*	*	*	*	*	*	3.06	.62	1.14	.84	32		.16	02	38	56	1 62	02	28	2.46	10 34	38	04			04	.02	02	02		
PORTLOCK ROAD 724.4		1.13	*	*	*	*	*	*	46												17	20		01	T	30	T						
PRI WAHIAWA 820.2	A	6.17		*	*	13		04	.24	.09	*	*	.33	07	05	06		*	*	2 46		08	1 16	83	*	*	64			*	*	*	
PUMOKBOWL CRATER 709	A	5.89		.02		.12	.01	.03	.29	08	16	1 05	.12	12	06	07	10	40	57	02	08	36	1 02	85	32	01	.02	01					
ST STEPHENS SEM 788		10.31	T	T	T	.05	T	.01	.60	29	.01	.23	T	.08			07		98	95	1 20	.49	35	1 24	3 26	14	20	T		03	13	T	
TANTALUS 2 780.5		14.67	.18	.04	*	.58	.03	.18	.85	.42	.67	*	*	*	2 54	68	.04	*	*	*	*	*	*	*	7 94	04	.04	*	*		*	*	01
UNIV OF HAWAII 713	A	7.00		*	*	.09	*	.04	.36	.02	*	*	1 09	39	T	27	T	*	*	99	T	62	1 19	1 69	*	*	.29						
UPPER WAHIAWA 874.3		9.40	.15	.03		.46	.03	.06	.05	.40	21	.57	.24	52	07	13		39	88	2 15	T	36	1 37	1 01	12	19				T	04		
WAHIAWA DAM 863	A	6.60	.02	*	*	.21		.06	.14	.20	*	*	.42	17	02	.07		*	*	2 70	02	.09	74	1 31	*	*	.43						
WAIAHOLE 837	A	15.33	.05	*	*	.23		.34	.28	.32	*	*	1 55	17	.09	23	.07	*	*	5.60	.08	1 02	2 30	2.61	*	*	32		07	*	*	*	
WAIALAE KAHALA 715		3.57			T	.14		.02	.12	.22	.03	09	10	18	.02	13	.02	40	.64	08		10	66	.21	28	21		.01				.01	
WAIALEE 896.3		5.54		.02				.21	.11	.08	.08	.47	.01	10	.05	.18		21	75	68	*	.26	.58	92	36	.30				.07	.09	.01	
WAILUA 847	A	3.06				.01		.06	.05	.02		.01	.07	04	.08	05	.01	.31	70	25		08	.50	52	07	23		T					
WAIMANE 798.2	A	2.72				.04						.09			02	03		55	17	86	01		35	37	18	05	T						
WAIMAO 836	A	22.13	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	22.13
WAIKANE 885	A	15.58	*	*	*	1.47	*	*	*	*	*	*	2.81	*	*	*	*	*	*	5.20	*	*	*	*	*	*	5.10	*	*	*	*	*	
WAIKIKI 717.2		3.78	T			.13		T	.07	.14	02	.02	.03	11	T	24	T	.23	.34	T		06	31	1.10	.33	.65	T			T			
WAIMANALO EXP FARM		5.57				.03		.09	.38			.06		16	.03	.02	.02	.74	78	68	06	10	42	1.24	.16	.51	.01		02	.06			
WAIMEA 892	A	7.04	.02	*	*	.20	.03	.06	.08	.08	*	*	.61	12	05	.11		*	*	2 15	.01	39	1 00	1 53	*	*	.60						
WAIPAHU 750	A	3.74		*	*	.03		.24	.02	09	*	*	.08	04	.02	.05		*	*	58		03	1 05	.55	*	*	.95	.01					
WILHELMINA RISE 721	R	7.96	.02		.04	.08	.10	.16	.26	.04	1.20	14	.52		08	.16	20	1.08	.62		06	1.62	98	.44	12			04					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1974

DAY OF MONTH

STATION		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
ISLAND OF MOLOKAI																																	
KALAUPAPA 563	A	5 48			11			07	03	14	02	11	23	04			12	28	03	.08	17	1 36	1 98	.28				.04	.03	.05		.09
KALAWAKAWI 564		1 41												08	15		04			74		.13	06				.21					
KEONELELE FIELD 551	A	3 55																		3.55												
KUALAPUU 534	A	4 27							02	01	M	M	M	07	36	25	17	10	M	M	1.58	02	.59	.58	1.18	M	M	.07			M	M	.02
MAUNALOA 511	A	1 89							07		M	M	10	13			09		M	2.62	29	.31	26		M	M	.02					
MOLOKAI AP 524		4 45							02	T	02		16	20	07	32	08	.12	1.15	.54	.08	.19	.60	.90								
PUUNOA RANCH 542 1		-																														
WAIKOLU 540	A	0 75	M	M	M	.25	M	M	M	M	M	M	M	5 18	M	M	M	M	M	4.32	M	M	M	M	M	M	M	M	M	M	M	M
ISLAND OF LANAI																																	
KANEPUU 690	A	1 55								M	M	M	M	M	M	05	M	M	M	M	M	M	M	1.25	M	M	M	M	M	M	.25	M
KAUMALAPAU HARBOR 658		M														04		M	M	.16	.03									M	M	M
LANAI AIRPORT 656		-																														
LANAI ITY 672	A	2 15	.01										13	20		16	.17	M	M	.20	.06	.24	.22	.45	M	M	.50	.01				
LANAIHALE 684	A	2 41	M	M	M	M	M	M	.23	M	M	M	M	M	M	.45	M	M	M	M	M	M	M	1.55	M	M	M	M	M	M	.20	M
MANANA 694	A	1 70								M	M	M	M	M	M	40	M	M	M	M	M	M	M	.60	M	M	M	M	M	M	.70	M
MANIENIE 676	A	56								M	M	M	M	M	M	15	M	M	M	M	M	M	M	.40								M
WAIAKEAKUA 685	A	97	M	M	M	M	M	M	M	M	M	M	M	M	M	M	31	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.66
ISLAND OF MAUI																																	
HALAWAI 252	A	1 78																		.50							1.28					
HALEAKALA B E S 434	A	11 13	.02			.04		.07	86	12	23	11	24	1.47					2.03	.01	.10	1.06	2.41	2.34	02							
HALEAKALA RANCH 432	A	5.32	M	M	M	M	M	M	48	04	M	M	11	1.07	26	11	.29	M	M	.65	08	.84	95	.24	M	M	M	M	M	M	M	M
HALEAKALA RS 338		6 20						03	96	19	36	02	27	1.48	07	13	10	.12	.62	T	.12	.44	46	.64	T	.19	T					
HALEAKALA SUMMIT 338.4	A	3.43							10	50	M	M	40	50				M	M	.70	.12	.12	.27	.44	M	M	.08			M	M	M
HALIIMAILE 423	A	4 82	.01							57	01	M	M	.25	.31	03	11	.20	M	M	74	.07	55	.61	1.33	M	M	.03			M	M	
HAMAKUAPOKO 485		8 45	.17			05	.02	01	.67	26	10	41	16	.15	04	02	.10	.09	.49	01	.04	1.20	1.45	2.84	.07							
HANA 364	A	8.40	.07	11	M	04	01	08	13	34	02	M	85	10	02	18	.52	.02	M	2.50	.47	36	2.06	.46		M	.05		.01			
HANA AIRPORT 355		7 70	.09	T		19	19	04	10	23	22	10	.25	55	02	07	27	.01	1.14	.26	42	.49	2 04	.64	T	03		.25	.06	.01	T	.03
HANAHULI 281		12 79	.27	04	05	03	24	42	.15	21	47	16	1.03	19	50	T			6.38	.32	.40	07	.82	.76	.02	.04	T	.02	.12	.06	.02	T
HOLUA LABIM 259 5	A	2.50	M	M	M	M	M	M	M	M	M	M	2.50	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
HONOKOHAU 480	A	13.20	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	13.20	M	M	M	M
HONOKOHUA 493	A	3 12	.02						15	05	M	M	38	35		03		M	M	47	01	.56	.22	.88								
HONOMANU GULCH 341	A	11.00	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	11.00
KAANAPALI AP 453.1			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAHOMA INTAKE 374	A	13 60	M	4	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	13.60
KAHULUI WSO 398 AP	R	2 25			T			15		10		T	20		01	12	22	70	06	01	05	13	48	T	02							
KAILILI 436	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
KAILUA 446		15 80	34	M	M	19	.10	12	61	47	M	M	1 45	25	07	11	16	M	M	.41	.12	2.60	3.10	5.70								
KAUAULA INTAKE 375	A	8 32				2 05							87							1.35							4.05					
KEAHUA 410		2 63							27	T			05	15	07	14	10	16	41		05	17	45	04	57							
KEANAE 346	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
KEAWAKAPU BEACH 260.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KIHEI 311		1 65							05						02	06	07	12	57		05	03	T		.68							
KIPAHULU 258		10 12			40	50	30	35	1 01		65	52	40	35	26	15	20			1.05	.30	49	.56	.94	1.35				.22		12	
KULA HEIGHTS 323 2		1 81							06								54		65		06	.06	.22	.02	.01	.19						
KULA SANATORIUM 267		1 90												T				.02	.56	T	03	.26	.05	T	.15	.75	.02		T	.01	.02	.03
LAHAINA 361		2 21												04		04	T			.84	06	48	72	.02			.01					
LAUNIUPOKO INTAKE 376	A	7 80	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	7.80
LAUNIUPOKO VILLAGE 372	A	1.40																.09	.70			.18	.28	.15								
LUPI UPPER 442	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
MAHINAHINA 466	A	8 13	07			.16	.07	.06	18	11	14		08	14	38	02	.03	M	1.25	.92	3.70						.02					
MAKALELE FIELD 60 497	A	5 26				M	M	M	M	64	M	M	M	M	M	M	M	M	1 34	M	M	M	M	M	M	M	3.28			M	M	M
OLINDA 336	A	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OLOWALU 296		64																.01	.41			.03					.17					
PAAKEA 350		18 81	1 00			.53	.08	.27	1 06	41	78	1 69	1 63	1 41	40	47	1 52		75		.18	3.14	17	3.30			.02					
PAIA 406		4 31	08			01			41	.09	.07	01	.07	14	01	03	06	28	.53		.01	.20	.95	1.25	.11							
PAHOLEHULU 259 2	A	8 70	M	M	M	M	M	M	M	M	M	M	M	2.90	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.80
POHAKEA BRIDGE 307.2	A	2.56															18	.05	.90		.04	.80	.04	.02	.53							
POLIPOLI SPRINGS 267.2	A	3 25	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	3.25
PUOKOKAMOA 2 343	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
PUUNENE 198		1 93							07	T			01	10	T	05	12	27	.80		.04	15	22	05	.03	.02						
SPRECKELSVILLE 400.2		2 12	T			T			26	01	08		04	14	T	.08	09	.25	.49		03	.02	.34	.26	.03							
TWIN GATES 261 1	A	2 29	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.55	M	M	M	M	M	M	M	M	M
UKULELE 333	A	10 44	M	M	M	M	M	M	M	1 82	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	8.07	M	M	1.74	M	M
UKUMEHAME 301	A	53																	.48			03					.02					.60
WAIAKOA RANCH 250		M												01				M	M	86	01	1.42	.01		M	M	1.10	.03			M	M
WAIHOLI 364	H	3.59												.25		.15		.28	85		04	.84	.78	.40								
WAIHOU CAMP 484	A	5 43							13	03	06		21	.25	02	.09	07	31	.75			1 30	1.51	.68		.02						
WAIHEE VALLEY 482	A	6.20							20	09	01		17	55		20	12	40	97		05	1.82	.49	.87		.35						
WAIKAMOI 449	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
WAIKAMOI DAM 33E	A	22 09	.09	M	M	.48	.10	57	1 21	1 32	M	M	1 98	2.90	85	96	.89	M	M	M	M	2.50	M	8.10	M	M	M	M	.14	M	M	M
WAIKAPU 390	A	1 79	M	M	M	M	M	M	M	M	M	M	M	M	39	05	57	.10	.86		04	1 52	.10	.11	05							
WAILUKU 386	A	3 31							13	01	M	M	11	15	01	.27	12	M	M	1.10	.04	.82	.53	02						M	M	M
WAIOPAI RANCH 256	A	51											11								M	M	M	.40								
ISLAND OF HAWAII																																
AHUA UMI 75	A	1 70	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	1.70
AUINI 182 1	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
CITY OF REFUGE 27 4		1 82			29	T	T		22	T		45	01	.02	T	02			27	.04	.42	.01	02	T				.05	T			
EAST HONOKAA 183.2	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
HAIMA 214		3.95	.01					.01	17	05			51	98	28	.17	.05		07	02	.29	.89	27	.05	.12							.01
HAKALAU 142		10 62	56	04	01	07	01	23	1 06	45	65	08	46	23	.12	.17	.02			.28	3.45	2.25	29	.13		.05					.02
HALEPUMAI 52	A	8 60	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	8.25	M	M	M	M	M	M	M	M	M	.35
HALEPUNA 117	A	4 40	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4.40
HALEPUNAI 111	A	1 86			T				08		05			.17						74	.82	T	T									
HAWAII VOLCNS NP HQ 54		10 86	55	13	04	03	07	06	09	42	46	23	15	.42			06	.08	1.65	1.46	4.46	24	.10	.10	.02	.02	T		.01	.01	T	T
HAWI 184	A	7 51	13	M	M	03	04	07	15	04	M	M	26	19		14	11	M	M	11	32	5.50	.32	07	M	M	.03	.02		M	M	M
HILO COUNTRY CLUB 86 6		17 74	56	05	T	12	01	57	44	31	51	51	.28	1 05	T				1.68	2 33	3.87	4.12	.47	.44	T	.31			.01	T	.09	.01
HILO WSO 82 AP	R	14 56	02	14	01	01	04	57	78	19	25	.45	1.38	T	09	T		.63	.06	1.98	3.09	4.27	16		T	.06		.01	.01	.09	T	.07
HOLUALOA 70	A	2 50	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	T	M	M	M	M	M	M	M
HOLUALOA BEACH 68	A	1 77	10	M	M	65	M	M	M	M	M	M	M	M	M	M	M	M	M	M	70	M	M	.32	M	M	M	M	M	M	2.50	M
HONAUNAU 27		3.52		M	M	2 00			M	M	M	M	M	74			09	M	M	.21	.41		.14									
HONOKAA 137		12.34	54	04		05		06	66	44	46	19	36	36	30	.26	.01	M	M	2.64	2.61	2.62	.30	.39		.01						
HONOKANE 181.1	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M				.01	.03	
HONOPU MAUKA 138		15 50	69	09	02	10	08	11	94	69	58	20	46	53	17	33	.08	M	M	3.50	2.26	3.74	.56	.20		.05					.03	
HOMALAU 71	A	1 89	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4	1.89	M
HUALALAI 72	A	1 26	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
HUEHUE 92 1	A	2 04	M	M	M	M	M	61	M	M	M	M	M	M	M	M	M	M	.53	M	M	M	M	.68	M	M	M	M	M	M	1.26	M
KAALA INT 12	A	7 13			03	M	M	M	M	12	04	.06	M	37	M	M	04	.18	.29	M	2.73	M	M	1.70	.12	.37	M	M	M	M	M	M	1.45
KAAUMOA 29	A	2 79	M	M	M	1 22			08			M			M			M	M	.16	.47	M	.13	M	M	M	M	.01	.28	M	M	M
KAIMALIU 75 2		3 83	T	M	M	1 47			01	10	M	1 21			T			M	M	.13	.50	.01	.05	.03					.23	M	.09	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
NOVEMBER 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
KALAPANA MO 1 67.8		13.77	.27	.14	T	T			.40	.59	.52	70	73	11	T			T	60	46	6.93	1.48	T	.34	.21	.23	03			.04	T	T
KAMAOA MO 2 5	A	6.60	M	M	1.20	M	M	M	M	M	M	.28	M	M	M	M	M	M	.67	M	M	M	M	M	M	4.45	M	M	M	M	M	M
KAMUELA 192.2		2.76		.28	.09	.06						.05	.19	.72	.05	.26	.02				.65	.10	.03	.05	.03						.03	.16
KAPAPALA RANCH 36	A	5.76	M	M	.21	M	M	M	M	M	M	.05	M	M	M	M	M	M	90	M	M	M	M	M	M	4.60	M	M	M	M	M	M
KAPOHO LANDING 93.5	A	11.01	M	M	M	M	M	M	M	2.10	M	M	M	M	M	M	1.35	M	M	M	M	M	M	6.45	M	M	M	M	M	M	1.11	M
KAWAINUI LOWER 193	A	12.34	3.60	M	M	M	M	M	M	70	M	M	M	M	M	M	3.80	M	M	M	M	M	M	4.16	M	M	M	M	M	M	.08	M
KEAAU 92		10.40	.49		.03		.11	03	.83	.66	.21	.39	.10	1.40		.30	.01		4.29	1.17	2.32	4.85	.92	.14		.05				.10		
KEHENA 181.2	A	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M
KIOLAKAA A & F 6	A	5.54	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.64	M	M	M
KIPA 89.2	A	18.76	.74	.03	.01	.03	.08	.34	.38	.43	.72	36	68	97	.02	.04			.12	2.83	4.57	4.88	.71	.53		.04			13	.63		
KOHALA MAULILI 176	A	5.87	.22	M	M	.11	.01	.01	07	02	M	M	.28	.34		06	04	M	M	25	.36	3.65	.31	14	M	M	.01			M	M	M	
KOHALA MISSION 175.1		7.58	.15			T	.01	.01	.17	.12		.05	.21	.38	T	.17	.12		.26	.01	.32	5.19	.35	.01	.05					T		T
KOIAWE LOWER 196	A	10.05	2.85	M	M	M	M	M	M	.28	M	M	M	M	M	M	3.50	M	M	M	M	M	M	3.40	M	M	M	M	M	M	M	M
KONA (KAILUA) 68.3	A	1.09								M	M	M	.22			.31	.01	M	M	.02	.40	.03	.10									
KONA VILLAGE 93.8		.63																.03		.60												
KUKAIAU 222		6.66	.03				.01	.11		.15			.17	.63	.07	.57	.03	.01	.26		.59	3.09	.45	.43	.01							.05
KUKUIHAELE MIC 199		5.68	.02					.03	.02	.04			.36	.96	.08	.58	.38		.04		.40	1.17	.40	1.10								.10
KUKUIHAELE MILL 206	A	5.48	.01	M	M	M	M	.06	.01	.10	M	M	.14	.89	.12	.62	.10	M	M	.11	.12	2.22	.24	.26	M	M	.05						.02
KULANI CAMP 79		9.15	.55	.10		.04	.07	.05	.11	.30	.44	.33	.23	.66	.03	.06	.05		1.91	.57	2.65	.27	.41	.27	.02	.03						
KULANI MAUKA 76	A	2.55						.15	.15				.10	.15						1.10	.30	.35			.25								
KULANI SCHOOL SITE 78	A	7.50	M	1.17	M	M	M	M	M	M	.92	M	M	M	M	M	M	1.29	M	M	M	M	M	M	4.07	T	M	M	M	M	M	M	.05
LAMINAU 68.2		4.01	.02	.08	.80					.58	.35	.22	.05						.10		.74		.76	.09						.22			
MAHAHALAU 103		2.88											.15	1.30	.15	.18	.20				.70			.20								
MANUKA 2	A	4.20		M	M	.30		T			M	M	.40	T				M	M	1.70	1.00	M	M	M	M	M	.50		30				
MAUNA KEA 085 111.2		.49						T	T					T						.17	.25		.07									
MAUNA LOA SLOPE 085		2.05						.06	.02		.03		.11	.01						1.34	.32	.15			.01								
MIDDLE WAIUALOA 68.1	A	2.02	35	M	M	92	M	M	M	M	M	M	M	M	M	M	M	M	M	.75	M	M	M	M	M	M	M	M	M	M	M	M	M
MIDDLE PEM 147.1	A	.00																															
MOAULA 18	A	5.80	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.80
MOUNTAIN VIEW 91		18.69	.63		.18		.02	.15	.54	.75	.51	.96	.24	3.15	.01	.01			3.32	.88	3.55	2.09	1.22	35		02			.03	08		
MAALEWU 14	A	3.70	.07			.04					.03	.07					.05	.02	.47	.11	2.42	.16		.07	.05	.05	.01		.08			
NAPOOPOO 28	A	2.50	M	M	M	1.35	M	M	M	M	M	M	.42	M	M	M	M	M	M	.18	M	M	M	M	T	M	.57	M	M	M	M	M
NIULII 170	A	7.33	.20	M	M	.02		.02	.10	.14	M	M	.11	.29		.10	.08	M	M	.26	.26	5.25	.36	.07	M	M	.07			M	M	M
OOKALA 223		7.73	.08			T	.02	.12	.08	.41	.14	.04		.86	.01	.60	.06	.01	.61		1.00	3.25	.43	.01								
OPIHIHALE 2 24.1		3.25	T	51	T		.01	.10	T				.46	T	.01			.73	.01	.73	.01	T	03		.13	T	.02	.06	.32	T	12	T
ORCHID LAND EST 91.5	A	19.24	M	M	M	M	M	M	M	1.62	M	M	M	M	M	M	2.55	M	M	M	M	M	M	14.50	M	M	M	M	M	M	57	M
PAAUHAU 217		4.15						.01	.03		M	M	.14	1.15	.30	.26	.08	M	M	.18	.29	.88	.47	.06	M	M	.07					.03
PAAVILO 221		6.42	.01				T	05	.01	.06			12	1.70	.10	.40	.07	02	38	T	53	2.15	17	1.01	.02							02
PAHALA 21	A	6.85		.01							05	.01					.05	.22	.46	.10	4.23	.50		T	.10	.04	.01		.65	.39	T	.03
PAHOA 65		19.08	38		20		11	12	82	1.15	53	99	.24	1.10	.04	.17	.06		1.30	.35	4.12	5.10	.35	.53		.50	.67	.05	.06	14		
PAKAO 37	A	5.65	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	5.65
PAPAIKOU 144.1		9.39	.35	.05	.03	.05	.07	.46	.90	.56	.50	.21	.47	.42	08	11			.06	1.03	1.95	1.31	43	.18						15		02
PAPAIKOU MAUKA 140.1		15.81	.68	.03	.01	.06	.05	.28	.64	.63	.58	.19	.43	.88	.08	.09			.02	2.63	3.05	4.40	.40	.56	.01	.01			.06	.04		
PIIHONUA 89	A	8.70	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	8.70	M
POHAKULOA 107	A	1.40																						1.40									
PUAKO 95.1	A	.43	T								.14	T								T	.25	.01	T	03	T								
PUU KIHE 120	A	4.15	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	4.15
PUU LAAU 102.1	A	2.07	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.07	M
PUU LEHUA 73	A	.95	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	.95
PUU MALI 113	A	2.36	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	M	2.36	
PUU OO 82	A	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAAWAA 94.1	A	1.80		M	M	.24					M	.04			M	M	M	M	M	M	.54	.01		.89	M	M	.08			M	M	M	
SADDLE ROAD 1 84	A	13.84	M	M	M	M	M	M	2.20	M	M	M	M	M	M	2.64	M	M	M	M	M	M	8.63	M	M	M	M	M	.37	M	M	M
SOUTH POINT CORRAL 3	A	4.10	M	M	.60	M	M	M	M	M	M	.36	M	M	M	M	M	M	1.02	M	M	M	M	M	M	2.12	M	M	M	M	M	M
UMIKOA 118		M						.04	05	13	M	M	.10	2.79	.53	.72	.63	M	M	.17	.66	.50	.08	2.87	M	M	.05	.02		M	M	M	
UPOLU POINT USCG 159.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88.2		15.58	.43	.05	.02	.01	.05	.64	43	73	64	.29	43	1.81	02				.72	.77	2.90	4.12	.76	.55					.06	15		

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	DAY OF MONTH																												
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																	
EAST OF 180TH MERIDIAN																																	
ANTON ISLAND		04						02	02						T						T										T	
AWASI RESERVOIR		11 17	.03	.13	.30			11	.30	.50	.25	4 12	21	20		20		10	30	50	2.00	10	.30			10		.30	.70	.20	1.65		.35
AWSTAR WSO AP	R	1 09	T	T		05			.07	.01	T	02	09	27	T	T	01	02	T	.01	T	.22	.02			23	04	T	.01	T	T		T	
EONE		19 54	05	1 45	02	.30	.05	.37	45	95	2.06	.60	.12	.60	2.80	.82	.05	.20	1.00	4.00	14	.59	.01		.16	45	.30	.20		1.06	.20	.04
FRENCH FRIGATE SHOALS			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GUAM AGRICULTURAL EXPERIMENT STATION		10 56			01		36	14	08	14	87	1 36	1 11	04	.65	.04	.03			19	*	.38			03	01	3 86	.38	.61	*	.04
MIDWAY ISLAND ISLAND		5 03	T		02	.05	.01	.05		3 03	01	.03	.37	.01		T				02	.13	01		T			T	.23	T	1 05	T	.01
PAGO PAGO WSO AP	R	12 73	73	18			13	68	10	1 18	73	81	02	89	1 84	T	12	.37	2 09	.64	15	.01			.27	.06	.29	51	T	1 19	.18	.27
SWAINS ISLAND			-																													
WESTERN PACIFIC ISLANDS NORTH OF 14°N																																	
ANDERSEN AFB GUAM		6 88	.09	.88	.59	56		11	01	32	79	05	1 11	02	.14	.09	.09	18	69	.30	19	.09	.10	20	03	53	T	.03			T	T
CABA AFB LUZON			35	1 13	1 01			43	1 12	T		1 39			1 81	44		15						05	05				-	.84		
GUAM NAS		6 41	05	1 14	1 28	52	T	10	10		35	11	22	07	24		06	37	27	.11	29	46	28	35	.01	20		.02	T		T	T
GUAM WSO	R	8 03	.16	1 35	.97	61	T	05	06	05	1 08	09	38	04	21	04	16	06	35	10	29	15	16	35	02	1 11		12	01	01	T	05
MANGILAO			-		-																									-	-	-
ROTA					-																											
SAIPAN WSO AIRPORT																																
WAKE WSO AP	R	1 88	02	T	T	36	28	01	01	T						06	08	07	11	01	06	04	01	04	36	T		01	02	06	10	17
CAROLINE AND MARSHALL ISLANDS																																	
ANGUAR		12 10	03	03	65	46	2 53	92	60	1 00	3 15		02		50		08	01			1 07	*	21	04							.30	
ENIWETOK			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FALALOP I. ULITHI			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAPINGAMARANGI ATOLL			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOROR WSO	R	15 71	82		1 16	93	69	37	1 76	10	1 01	2 63	07		33	01	37	67		1 42	43	1 58	64	04	04	T	05	02	33		14	10
KWAJALEIN WSO AP	R	13 84	2 84	1 26	68	07	15	2 46	65	94	2 26	T	02		T	01	78	57	14	16	14	40	T	31		T	T			T	T	T
LELE I. KUSAIE		8 90	56			10	1 66		13		08	80	*	29	15	20					04			1 03	*	91	84		34	33	25	1 19
MAJURO WSO AP	R	9 29	3 07	T	05	07	57	1 05	T	71	06	T			07	20	36	47	07	01	05	06	T	1 78	47			T	03		05	08
METALANIM			-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MOKIL ATOLL			-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGARSANG-BABELTHUAP		12 27	1 13	20	*	09	1 34	31	42	1 35	15	2 04	87		1 15	2 15	05	71	*	*	*	*	*	*	*	*	01	01	07	21			01
PONAPE WSO	R	20 79	1 52	45			12	70	T	1 20	04		04	2 61	3 37	38	1 65		38	08	T	30	38	01		88	27	T	70	2 84	64	2 23
SATAWAN ATOLL			-				-	-		-	-		-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK MOEN I. WSO AP	R	14 91	41	1 13	21		60	90	1 01	85	12			22		33	35	T	01	02	05	1 01	71	28		02	48	1 65	1 38	43	20	2 53
WOLEAI ATOLL			-									-			-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-
YAP WSO AP	R	18 85	T		05	1 06	4 10	71	1 24	1 23	19	40	T	1 04		04	07	32	16	27	68	1 27	35	1 91	2 67	39	36			07		01	26

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																												AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
ISLAND OF KAUAI																																
KANALOHULUHULU 1075	MAX	71	70	69	72	71	68	67	74	69	74	63	59	59	62	59	59	61	61	61	63	63	65	65	69	70	71	66	67	62	60		65.7
	MIN	47	45	48	52	51	51	58	51	55	59	56	51	51	52	51	52	54	56	46	53	56	53	53	55	52	48	44	46	47	52		51.5
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	84	84	84	84	85	84	83	83	83	84	81	82	80	81	80	79	77	81	82	77	77	80	79	81	82	82	82	81	81	77		81.1
	MIN	73	70	76	73	76	73	75	74	77	74	73	70	68	70	69	70	69	69	66	72	72	67	70	70	69	67	67	70	69	66		70.7
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	89	89	89	88	88	88	88	88	87	88	89	85	82	82	82	80	82	83	82	81	78	79	81	83	85	82	84	82	83	82		84.5
	MIN	65	66	66	64	65	66	66	65	68	68	67	64	65	63	64	64	61	62	63	65	66	67	69	62	66	66	65	66	62	66		65.0
NIU RIDGE 1035	MAX	83	82	83	84	82	80	82	80	82	82	80	82	79	78	77	79	80	80	81	80	79	78	80	79	80	81	82	81	83	82		80.7
	MIN	62	60	62	63	63	61	61	59	61	60	61	60	60	60	59	60	60	60	61	60	61	60	60	62	63	61	62	61	60	62		60.8
WAIAHI LOWER 1054	MAX	83	82	82	82	80	80	78	79	81	80	75	76	78	78	78	78	79	80	80	78	78	85	78	81	84	80	80	80	80	78		79.7
	MIN	66	63	64	64	65	67	67	66	65	67	64	59	60	61	58	62	61	63	58	60	66	60	64	65	62	59	59	59	58	65		62.6
ISLAND OF OAHU																																
CHURCH COLLEGE LAIE	MAX	85	85	85	84	84	83	84	83	83	82	81	78	79	79	80	77	73	82	82	81	77	79	78	81	81	81	83	82	81	82		81.2
	MIN	75	74	76	72	74	71	73	71	72	71	72	70	67	65	64	62	62	61	64	72	69	67	65	64	67	68	65	72	72	72		69.0
EWA PLANTATION 741	MAX	84			85	84	84	84	84			83	83	79	79	80			81	82	85	81	79			81	84	85					
	MIN	68			64	66	66	68	68			68	65	63	62	60			59	62	66	67	67			64	65	63					
HONOLULU WSO 703 AP	MAX	87	88	86	87	86	86	86	84	82	85	82	81	80	82	82	81	79	81	85	82	82	75	83	82	84	84	84	86	85	85		83.4
	MIN	72	67	72	70	73	73	73	73	72	72	71	69	66	62	60	62	65	63	66	71	69	68	65	69	65	66	65	66	67	65		67.9
HONOLULU SUBSTA 704	MAX	83	83	82	82	81	81	81	80	79	81	79	77	75	76	79	77	78	79	80	77	78	77	81	81	84	82	80	82	80	82		79.9
	MIN	72	69	69	68	71	69	69	70	72	74	72	72	69	69	66	64	65	69	69	69	68	67	68	71	70	69	68	69	70	72		69.3
KANEOHE MAUKA 781	MAX	83	82	84	82	82	83	82	82	80	79	81	80	79	78	78	79	79	79	80	81	80	74	78	82	80	82	82	80	81	82		80.5
	MIN	72	72	72	73	72	72	70	71	74	73	73	71	70	70	68	67	67	65	66	69	69	67	68	70	68	69	68	68	69	69		69.5
LUALUALEI 804	MAX	87	85	84	88	86	85	84	82	83	84	84	82	79	82	80	78	79	86	83	82	77	75	82	80	85	84	81	83	84	83		82.6
	MIN	66	64	65	69	71	72	72	73	70	71	73	68	68	68	64	64	68	61	63	70	66	64	63	65	62	63	64	64	62	60		65.3
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	78	80	80	80	79	80	78	78	78	80	80	79	79	78	75	74	75	75	80	82	76	73	77	80	81	82	78	80	78	77		78.3
	MIN	67	65	64	76	73	70	70	68	67	66	67	66	63	64	62	60	62	60	63	67	67	67	65	65	65	65	66	62	63	63		65.6
PRI WAHIAWA 820.2	MAX	83			85	83	83	80	82			82	80	78	77	77			77	80	82	80	74			80	80	79					
	MIN	66			63	65	64	68	67			65	65	62	62	57			60	60	62	66	65			61	62	60					
WAIALEE 896.3	MAX	85	85	86	85	85	84	82	83	83	83	83	81	80	76	80	79	79	74		84	78	76	81	82	81	81	81	82	81	81		81.4
	MIN	75	70	72	72	73	70	72	71	70	71	72	70	67	65	67	67	65	64		64	68	68	66	71	69	70	67	66	69	69		69.0
WAIALUA 847	MAX	84	85	87	85	84	84	83	84	83	85	83	80	80	76	79	78	79	80	84	82	81	78	79	82	82	80	80	82	84	84		81.9
	MIN	65	66	65	65	64	65	68	66	68	65	68	63	63	63	61	63	66	67	61	65	66	67	68	68	69	65	62	64	63	67		65.2
WAIKIKI 717.2	MAX	86	86	86	85	88	85	85	86	82	84	85	84	82	81	81	82	78	81	81	85	82	81	77	82	82	85	84	83	85	84		83.3
	MIN	71	67	69	68	71	71	70	70	70	71	70	68	66	64	61	61	64	62	62	66	67	55	64	66	63	64	62	63	66	61		66.1
WAIMANALO EXP FARM	MAX	81	83	84	83	83	82	82	83	81	82	82	82	80	79	78	81	79	78	78	78	78	77	79	82	81	82	82	81	81	82		80.8
	MIN	74	73	74	71	73	71	70	73	72	73	73	69	68	68	67	65	64	65	64	68	69	67	68	70	69	68	67	67	70	69		69.3
ISLAND OF MOLOKAI																																
MOLOKAI AP 524	MAX	80	83	83	85	85	84	82	82	88		83	78	77	78	78	79	80	78	76	76	78	78			81	82	80	82	81	81		80.7
	MIN	69	68	68	68	68	69	69	69	70		70	68	68	62	64	62	64	66	66	70	64	64			68	66	64	64	68	69		66.9
ISLAND OF LANAI																																
LANAI AIRPORT 656	MAX																																
	MIN																																
LANAI CITY 672	MAX	81	76	75	74	74	77	75	77	76	73	68	68	69	70	70			79	76	69	69	69			69	69	69					72.7
	MIN	62	62	62	65	60	65	67	67	60	64	63	65	62	60	61			62	60	62	54	66			66	65	63					62.7
ISLAND OF MAUI																																
HALEAKALA RS 338	MAX	69	64	63	68	63	63	63	58	56	60	60	59	53	53	52	51	49	53	62	59	57	57	62	61	63	65	63	60	64	68		59.6
	MIN	43	41	41	47	44	48	43	44	41	46	46	38	37	39	32	36	40	39	40	43	47	44	43	45	46	44	43	43	44	45		42.4
HALEAKALA SUMMIT 338.4	MAX	56			58	56	53	46	45			50	50	47	52	52			50	43	47	48	44			51	53	55					
	MIN	43			44	37	38	32	36			38	32	32	33	28			30	37	39	36	38			39	39	40					
HANA AIRPORT 355	MAX	80	83	82	82	82	82	81	82	78	80	82	81	79	78	78	79	78	80	78	81	80	76	80	80	80	81	81	80	80	80		80.1
	MIN	72	68	70	70	70	69	72	61	70	73	70	70	60	66	67	60	60	63	67	69	70	71	65	68	71	69	69	69	65	65		67.6
KAANAPALI AP 453.1	MAX																																
	MIN																																
KAHULUI WSO 398 AP	MAX	87	88	85	87	84	84	84	80	85	84	83	81	81	79	79	78	84	83	82	83	82	83	82	82	83	84	84	83	83	82		83.0
	MIN	69	64	65	72	64	74	74	71	65	70	71	72	68	67	63	62	64	66	68	72	69	68	69	69	67	65	64	62	61	66		67.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
[illegible] 44	MAX	75			78	77	77	72	77			78	78	76	75	73			80	78	79	77	70			79	79	78					
	MIN	68			64	66	68	69	66			67	66	61	61	59			59	64	64	65	65			65	64	64					
KEAWAKAPU BEACH 260.2	MAX																																
	MIN																																
KIHEI SANATORIUM 267	MAX	76	72	74	70	75	74	76	76	69	74	75	75	69	72	66	70	66	72	69	72	71	70	72	72	72	76	76	75	72	72		72.3
	MIN	57	58	55	56	55	55	56	58	57	58	53	55	56	56	54	49	50	53	54	52	51	58	58	59	60	58	57	58	54	55		56.4
LAHAINA 461	MAX	88	88	88	87	89	88	89	82	87	88	89	82	81	81	83	81	83	82	84	83	84	82	83	82	85	85	86	84	85	85		84.8
	MIN	68	68	68	68	68	68	70	69	66	69	69	70	67	65	65	62	64	65	67	67	67	65	68	68	67	68	67	66	66	67		67.1
MAILIKO 386	MAX	81			83	82	81	81	82			81	81	78	77	76			81	83	81	80	78			81	81	81					
	MIN	71			70	71	70	71	69			69	68	66	64	65			62	66	67	68	66			67	66	66					
• • •																																	
ISLAND OF HAWAII																															
HAINA 214	MAX	81	81	81	82	82	81	82	80	81	81	82	80	76	78	76	78	82	80	76	79	80	78	83	82	80	79	80	80	79	79		80.0
	MIN	67	69	67	65	66	68	67	69	68	67	67	67	62	62	63	64	62	65	66	68	66	65	66	65	67	65	67	65	63	64		65.7
HAWAII VOLCNS NP HQ 54	MAX	70	68	66	69	69	69	69	65	64	61	67	66	63	64	66	62	63	69	60	70	67	70	66	70	69	71	71	69	68	70		67.0
	MIN	53	53	51	51	51	53	53	53	55	55	53	51	47	48	47	49	53	51	54	56	54	54	51	55	53	48	52	53	51	51		52.0
HILO WSO 87 AP	MAX	84	83	82	83	81	82	81	81	83	80	82	81	81	80	80	83	83	73	80	79	83	84	80	83	82	82	82	81	82	80		81.4
	MIN	68	68	64	65	67	65	67	65	68	68	67	71	64	62	61	59	63	67	68	68	66	66	66	68	66	64	66	66	64	63		65.7
KAINALIU 78.2	MAX	80	80	79	80	79	78	79	80	77	79	78	79	76	77	76	76	77	77	75	79	79	77	77	79	77	76	77	77	78	79		77.9
	MIN	65	65	63	61	60	61	64	64	63	64	62	64	59	59	57	57	58	58	64	62	63	62	62	64	63	62	62	62	62	60		61.7
KAMUELA 192.2	MAX	75	76	75	74	75	72	73	73	72	76	73	72	70	67	67	74	75	74	70	75	72	74	74	76	73	75	77	74	73	72		73.3
	MIN	60	58	58	55	58	58	58	59	55	58	60	58	55	53	53	48	49	52	55	58	58	54	53	56	55	53	53	56	56	58		55.7
KEAAU 92	MAX	81	82	81	80	81	81	79	80	79	80	79	79	78	76	76	77	80	82	72	78	78	81	81	79	81	82	80	80	80	79		79.4
	MIN	66	66	65	65	64	64	64	66	65	66	66	65	62	61	59	57	60	62	65	65	64	64	65	65	65	63	63	64	63	63		63.7
KOHALA MISSION 175.1	MAX	80	80	81	79	80	79	79	78	78	80	78	78	77	76	74	76	78	79	74	79	77	75	81	82	79	80	79	78	78	77		78.3
	MIN	68	66	67	69	68	68	69	69	66	66	67	67	64	62	61	62	62	62	66	66	66	66	65	65	67	65	65	66	66	66		65.7
KONA (KAILUA) 68.3	MAX	85			87	84	85	85				85	84	83	82	82			83	82	85	84	83			86	82	83		84			
	MIN	71			70	70	70	70				68	68	66	64	63			65	67	68	70	68			69	70	68		68			
KULANI CAMP 79	MAX	65	65	61	63	63	63	62	62	60	59	55	60	54	56	59	56	64	65	58	69	68	63	63	65	66	65	67	65	68	65		62.5
	MIN	47	49	47	42	45	49	50	43	49	50	43	48	39	40	40	43	44	42	51	52	46	47	46	47	49	45	44	43	46	44		45.7
MAUNA LOA SLOPE OBS	MAX	51	52	53	53	50	48	46	52	48	50	49	44	47	43	43	43	50	46	44	46	45	49	45	46	49	50	55	54	52	53		48.5
	MIN	32	32	37	37	34	32	31	34	34	36	32	32	29	29	28	28	28	34	36	34	31	34	34	34	34	33	36	36	38	35		33.1
MOUNTAIN VIEW 91	MAX	77	76	76	75	77	77	76	73	75	75	75	74	71	70	72	78	78	78	68	75	73	78	77	77	77	78	79	79	79	80		75.8
	MIN	60	60	60	60	59	59	60	61	61	61	61	61	56	55	54	55	55	55	61	63	61	61	61	61	61	58	59	59	60	59		59.2
NAALEHU 14	MAX	79			80	80	81	80	83			80	82	82	81	80			80	73	80	80	78			80	79	80					
	MIN	67			67	66	66	70	66			65	66	64	62	65			64	66	68	67	68			68	65	66					
OOKALA 223	MAX	83	81	82	81	81	80	83	79	82	84	80	81	75	76	77	79	80	80		80	77	79	81	81	80	79	80	79	79	78		79.9
	MIN	69	70	69	68	69	69	69	66	68	68	70	67	64	62	63	64	62	65	66	67	67	67	67	70	69	67	65	68	68	66		67.0
OPIHIHALE 2 24.1	MAX	83	78	76	81	81	80	80	80	80	82	80	79	78	76	78	76	78	75	80	78	79	82	80	78	78	80	79	80	74	79		78.9
	MIN	62	62	59	58	58	62	60	61	63	61	61	58	57	56	56	58	57	62	61	60	59	60	62	62	60	60	60	60	59	59		59.8
PAHALA 21	MAX	81	78	79	80	80	81	86	83	80	77	81	83	82	80	79			80	69	79	80	80	78	80	80	78	80	79	78	80		79.7
	MIN	63	66	64	61	60	60	62	62	64	61	59	61	60	58	59			59	64	64	62	61	63	65	65	61	60	59	61	58		61.5
PAUKO 35.1	MAX	84	85	83	85	84	84	86	85	83	83	86	85	87	82	82	81	80	87	79	81	83	82	81	84	81	81	82	82	84	80		83.1
	MIN	71	68	70	71	69	73	71	71	64	69	74	72	65	63	63	62	63	65	67	69	70	65	66	69	67	66	65	67	67	69		67.7
SPUR POINT 3SCG 159.2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	89	92	92	92	88	88	92	92	92	91	91	91	89	90	91	92	91	92	92	92	91	92	91	92	92	89	91	92	91	92		91.1
	MIN	74	74	75	75	77	76	74	73	74	73	74	73	76	75	74	74	74	75	74	75	75	75	73	75	74	75	75	75	74	74		74.4
JOHNSTON WSO AP	MAX	85	85	84	84	82	83	84	84	83	84	82	82	81	81	81	81	83	82	83	82	82	84	83	81	81	83	83	83	82	82		82.7
	MIN	77	78	79	72	79	78	75	76	77	77	76	73	77	76	73	73	76	74	76	74	75	76	74	73	74	77	77	77	77	77		75.8
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX																																
	MIN																																
MIDWAY SAND ISLAND	MAX	84	83	83	82	82	84	87	86	82	83	83	84	84	82	82	87	81	79	79	80	78	79	79	79	78	76	78	78	76	80		81.3
	MIN	74	74	75	73	71	76	78	70	75	78	73	76	77	76	75	71	71	70	71	73	70	71	72	71	72	68	70	71	70	74		72.9
PAGO PAGO WSO AP	MAX	88	85	89	87	87	87	86	84	85	82	83	87	82	84	87	83	82	84	85	87	87	86	87	86	87	84	88	81	86	89		85.5
	MIN	75	77	74	69	78	75	80	75	75	74	73	74	73	73	71	76	76	76	79	78	73	72	73	76	76	75	79	74	74	73		74.9
SWAINS ISLAND	MAX																																
	MIN																																
WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	86	82	83	84	84	85	83	84	85	85	84	87	85	86	86	85	84	84	85	85	83	84	83	83	84	86	84	84	86	85		84.4
	MIN	77	77	76	75	78	79	79	78	77	77	76	78	79	78	78	78	76	77	76	78	77	75	81	77	80	80	79	79	79	78		77.7
CLARK AFB LUZON	MAX	82	81	86	90	86	86	84	90	88	90	88	88	77	82	88	86	88	88	84	88	88	88	86	84	84	82	82	84	75	86		85.3
	MIN	72	73	73	75	75	73	73	73	72	75	75	72	72	73	73	73	73	73	73	73	72	73	73	70	70	70	70	73	72	70		72.6
GUAM NAS	MAX	86	85	84	85	85	86	85	87	85	85	85	85	86	85	86	85	82	83	85	84	84	84	85	84	84	85	85	86	85	85		84.9
	MIN	81	79	79	78	79	80	80	80	80	80	79	81	80	79	80	78	77	80	79	78	79	77	81	79	82	81	79	80	80	79		79.5
GUAM WSO	MAX	86	84	83	85	87	86	86	86	85	86	85	86	86	85	86	85	84	83	85	86	85	85	84	85	85	86	85	85	85	85		85.2
	MIN	75	72	72	71	74	73	75	75	73	75	73	75	75	75	75	76	71	74	75	75	74	70	76	75	77	77	70	72	74	69		73.8
SAIPAN USCG LORAN	MAX																																
	MIN																																
WAKE WSO AP	MAX	87	86	86	86	86	87	86	85	86	86	85	86	86	86	87	86	85	85	84	85	85	84	83	85	85	84	85	85	84	85		85.4
	MIN	75	77	77	72	72	75	75	74	75	75	74	74	76	73	75	73	71	73	73	73	73	74	73	75	75	74	73	72	72	74		73.9
CAROLINE AND MARSHALL ISLANDS																															
ENIWETOK	MAX																																
	MIN																																
FALALOP I. ULITHI	MAX																																
	MIN																																
KAPINGAMARANGI ATOLL	MAX																																
	MIN																																
KOROR WSO	MAX	81	92	82	83	87	88	88	89	89	83	87	90	90	90	90	90	91	90	90	88	85	87	89	89	89	89	88	90	91	89		88.1
	MIN	75	78	75	76	76	75	73	74	75	73	76	77	75	75	78	77	76	77	75	76	75	76	78	78	80	79	78	77	76	75		76.1
KWAJALEIN WSO AP	MAX	81	86	86	87	87	85	87	86	80	87	87	86	86	88	86	86	86	86	87	86	86	86	87	86	87	87	87	88	87	87		86.1
	MIN	74	75	78	78	77	75	76	75	75	78	78	80	80	77	76	76	79	77	77	77	77	76	80	80	80	80	80	79	80	80		77.7
LELE I. KUSAIE	MAX	92	87	89	92	81	87	90	87	87	90		85	85	87	90	92	90	93	93	89	92	92		91	91	88	88	91	88	89		89.1
	MIN	73	75	75	74	74	75	75	75	75	73		72	72	73	77	77	77	75	77	76	73	67		72	76	75	72	77	77	76		74.5
MAJURO WSO AP	MAX	82	85	86	85	85	80	85	86	85	85	86	86	84	86	86	86	83	86	85	86	85	87	86	85	85	85	82	86	85	87		85.0
	MIN	73	78	78	75	75	75	76	75	76	78	78	80	78	75	76	75	76	78	78	79	76	74	74	78	78	78	77	79	78	78		76.7
METALANIM	MAX																																
	MIN																																
PONAPE WSO	MAX	87	88	91	87	91	88	87	89	89	90	90	80	81	89	87	88	84	88	90	88	90	88	89	88	88	90	88	88	89	83		87.8
	MIN	74	73	69	69	75	74	71	72	72	72	74	74	72	71	72	75	72	73	73	73	72	74	76	75	77	80	76	75	75	74		73.5
TRUK, MOEN I. WSO AP	MAX	85	89	86	89	87	89	84	87	82	88	87	88	88	87	87	88	88	88	90	89	88	86	88	88	87	85	87	87	88	83		87.1
	MIN	76	75	75	77	76	75	75	75	76	76	75	77	79	78	77	79	78	79	79	75	74	74	80	80	77	76	75	74	78	74		76.5
WOLEAI ATOLL	MAX																																
	MIN																																
YAP WSO AP	MAX	88	84	85	82	82	87	87	85	86	87	85	87	87	87	88	88	88	87	85	87	87	82	82	87	87	89	87	87	88	87		86.2
	MIN	75	76	75	74	75	73	74	74	72	78	73	75	74	76	75	75	74	74	74	75	75	74	76	76	79	80	77	75	77	74		75.1

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																												TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																
[illegible]																																
[illegible]	EVAP	.27	.20	.35	.20	.38	.27	.23	.24	.31	.35	.35	.34	.36	.29	.32	.09	.20	.28	.43	.25	.19	.12	-	-	.07	.29	.05	.24	.14	-		7.578
	WIND	248	114	137	211	225	216	234	258	262	262	270	313	223	235	111	81	213	145	76	189	337	225	69	60	52	94	89	85	71	-		5270B
	MAX	84	85	85	81	82	84	81	82	78	82	81	76	75	76	77	77	75	74	85	80	69	73	77	73	79	81	78	83	83	83		79.3
	MIN	66	64	64	65	66	66	66	65	66	67	65	60	59	59	59	58	62	62	60	60	61	62	62	62	62	61	59	61	64	64		62.6
[illegible]																																
[illegible]	EVAP	.21	.18	.20	.27	.20	.18	.20	.25	.15	.10	.25	.20	.22	.15	.22	.20	.12	.12	.16	.18	.11	.18	.00	.05	.11	.10	.16	.10	.19	.33		5.09
	WIND	41	16	23	19	13	28	43	37	39	3	23	28	29	24	20	26	25	29	15	20	18	5	1	3	4	12	6	4	9	8		594
	MAX	85	88	88	86	85	85	85	87	80	80	86	82	80	61	80	78	80	82	81	84	81	85	85	78	80	83	85	85	87	85		83.1
	MIN	65	65	64	65	65	65	66	66	65	65	65	66	65	60	57	58	60	66	62	63	66	66	62	63	65	64	64	64	64	61		63.7

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																													TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																																	
▪ ▪ ▪ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.35	.36	.35	.35	.33	.35	.38	.34	.32	.29	.27	.29	.43	.41	.40	.34	.40	.31	.24	.35	.27	.23	.17	.11	.26	.29	.26	.37	.24	.32		9.38
	WIND	200	205	216	238	245	264	231	201	191	209	211	267	330	316	340	291	243	167	121	193	153	94	131	190	245	210	217	270	164	219		6572
	MAX	89	90	87	87	94	93	93	91	90	91	92	93	88	84	83	83	86	88	91	88	90	90	85	88	83	87	87	86	86	86		88.3
	MIN	73	74	74	73	71	73	72	72	72	73	73	73	71	71	71	74	70	70	71	72	71	71	72	71	73	73	73	76	71	71		72.2
▪ ▪ ▪ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.17	.45	.08	.24	.14		.01	.22	.26	.12	.25	.06	.12	.17	.29	.16	.22	.09	.13	.28	.25	.21	.09	.35	.16	.19	.19	.17	.25	.22		5.738
	WIND	158	156	158	150	125	166	128	112	93	59	108	147	122	131	145	159	156	155	174	186	189	218	281	173	179	156	94	90	76	65		4301
	MAX	88	81	81	85	91	91	90	89	87	90	85	90	67	87	88	87	84	83	85	90	88	85	81	85	85	87	88	88	91	89		86.9
	MIN	74	73	73	73	73	73	74	73	73	73	73	74	73	73	73	73	73	73	75	74	73	78	75	74	74	75	71	70	72	70		73.3

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES: TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	OBSERVER
HAWAII												
ISLAND OF KAUAI												
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
HANAPEPE 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HA'ELEMANO 1113 A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HA'ENAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIOA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAININHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHAU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	8A	8A	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965 A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAININHA 1115	8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU												
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5	0248	02	JAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2	1364	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2A		3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEDG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			CLOSED 1/74
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536		3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI													
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
[illegible]	A	6190	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
[illegible]		6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
[illegible]		8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1		[illegible]	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI													
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
[illegible]		3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
[illegible]		5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676	A	6013	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI													
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A		1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLO 49 494		1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMAN[illegible]	A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AP 453.1		2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILI [illegible]	A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
[illegible]		4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2		5003	03	MAKAWAO	3	20 47	156 19	2520		6A		C	KENNETH WILLEY
[illegible]		[illegible]	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A		5408	04	[illegible]	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442		[illegible]	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466		5715	04	[illegible]	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
[illegible]		6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497		[illegible]	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332		[illegible]	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
[illegible]		7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
[illegible]		[illegible]						-		7A			
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POOMAKA BRIDGE 307.1	A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
POLIPOLI SPRINGS 267.2A		8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 67.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450		8A		C	GREENWELL RANCH
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE I	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
KULANI SCHOOL SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
LANIMAU 68.2		5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MANUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MOAULA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	6A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MALI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8590	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH
CLOSED STATIONS													
ISLAND OF OAHU													
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	8A	8A			CLOSED 1/74
NEW STATIONS													
ISLAND OF LANAI													
LANAI AIRPORT 656		5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC													
EAST OF 180TH MERIDIAN													
CANTON ISLAND		4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR		4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE		4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS		4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE		4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND		4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND		4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N													
<ANDERSEN AFB GUAM		4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON		4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS		4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO	R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO		4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA		4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN		4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP	R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS													
ANGUAR		4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK		4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI		4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL		4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO	R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE		4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP	R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM		4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL		4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG.BABELTHUAP		4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO	R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL		4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK. MOEN I. WSO AP	R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL		4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP	R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII."

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time [illegible].

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

\- No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

\+ And also on an earlier date or dates.

Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

* Amount included in following measurement, time distribution unknown.

< Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

B Adjusted to a full month.

M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

R Amounts from recording gage.

T Trace, an amount too small to measure.

V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

AR Observation made after rain.

C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

J "Supplemental Data" table.

MO Gage read once monthly; usually on the last day.

OC Gage readings at periods varying from a few weeks to several months.

S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

SS Observation time is near sunset.

VAR Observation time is variable.

WI Gage read weekly or irregularly only.

WM Gage read weekly and last day of month.

\# Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

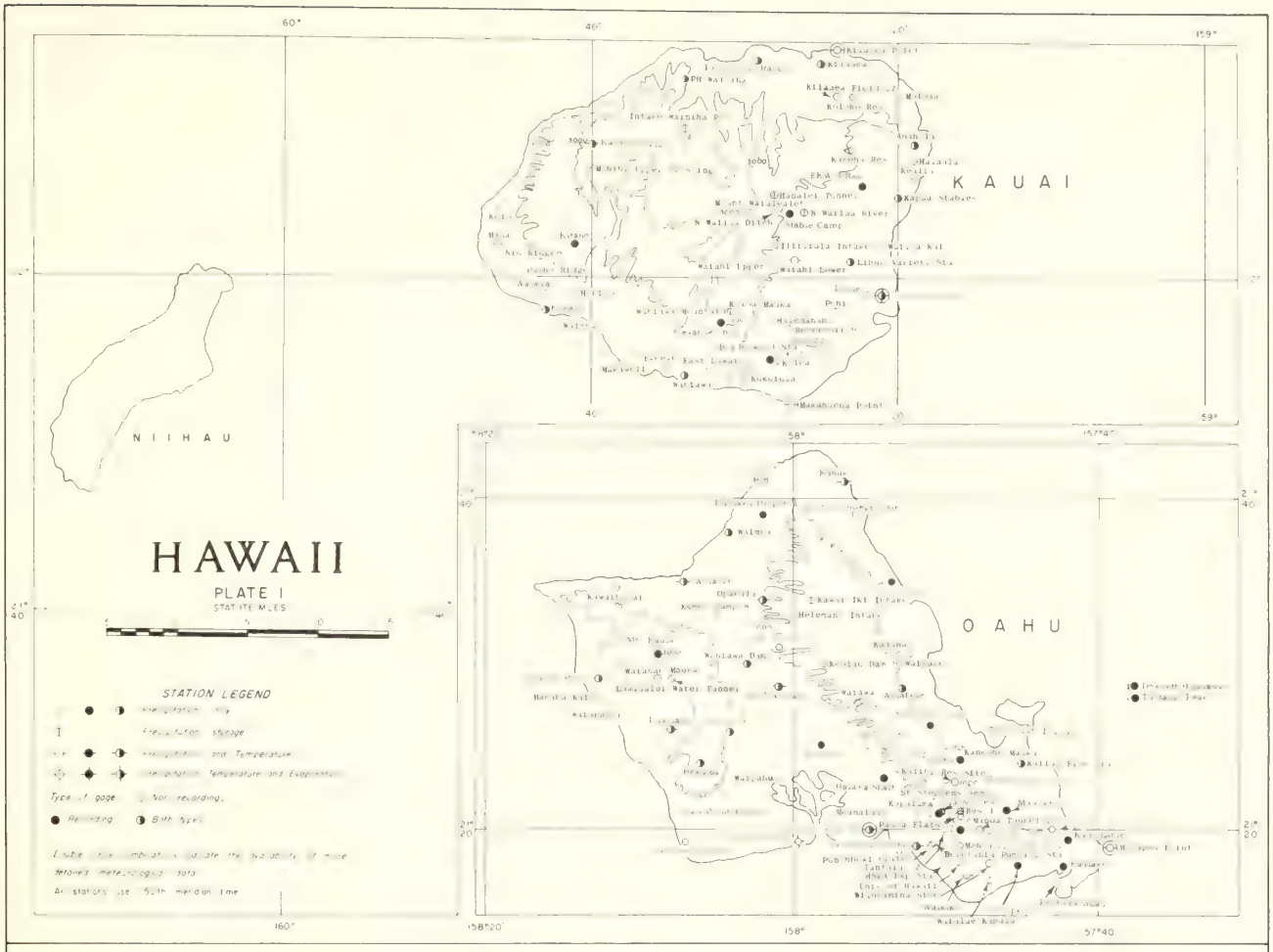
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

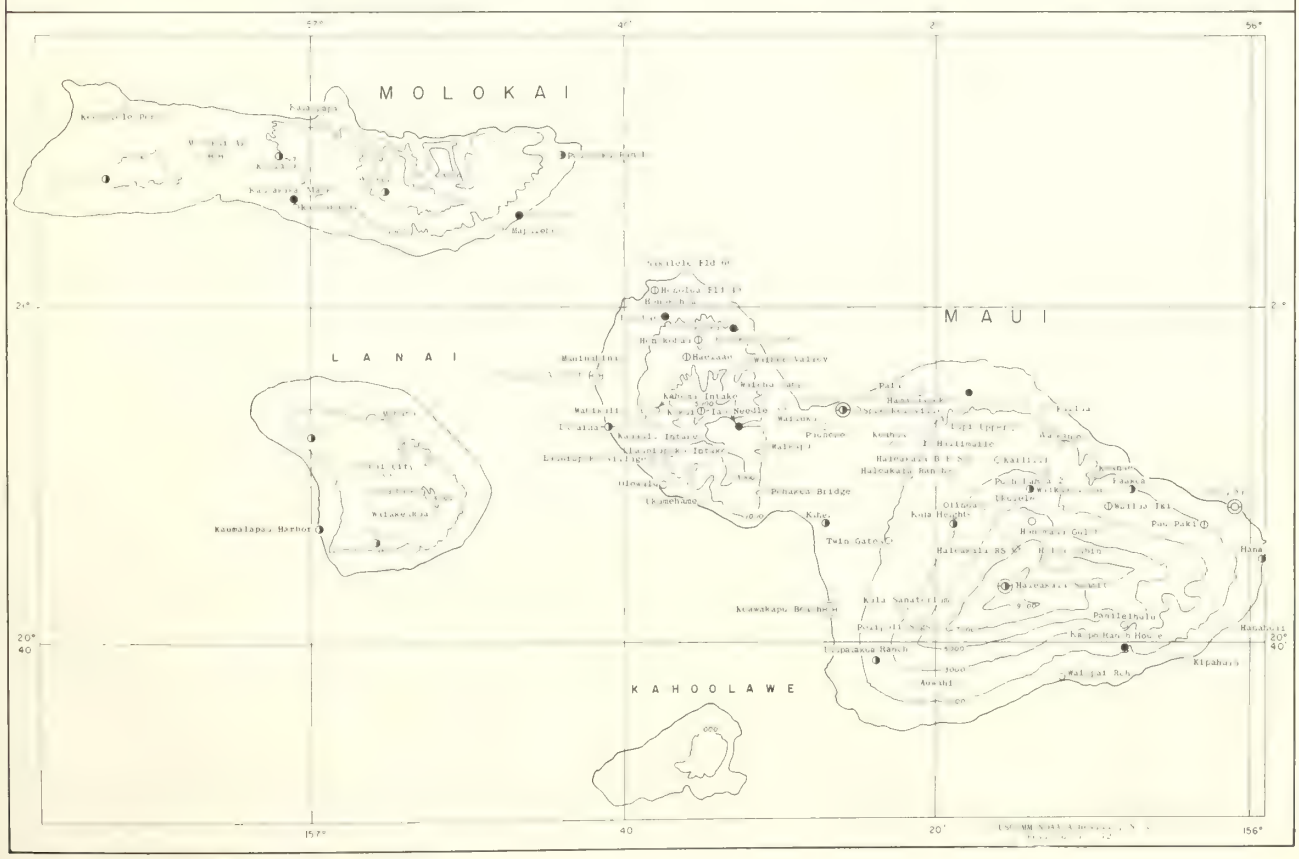
Subscription Price: $4.50 a year for each section including annual summary; $4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

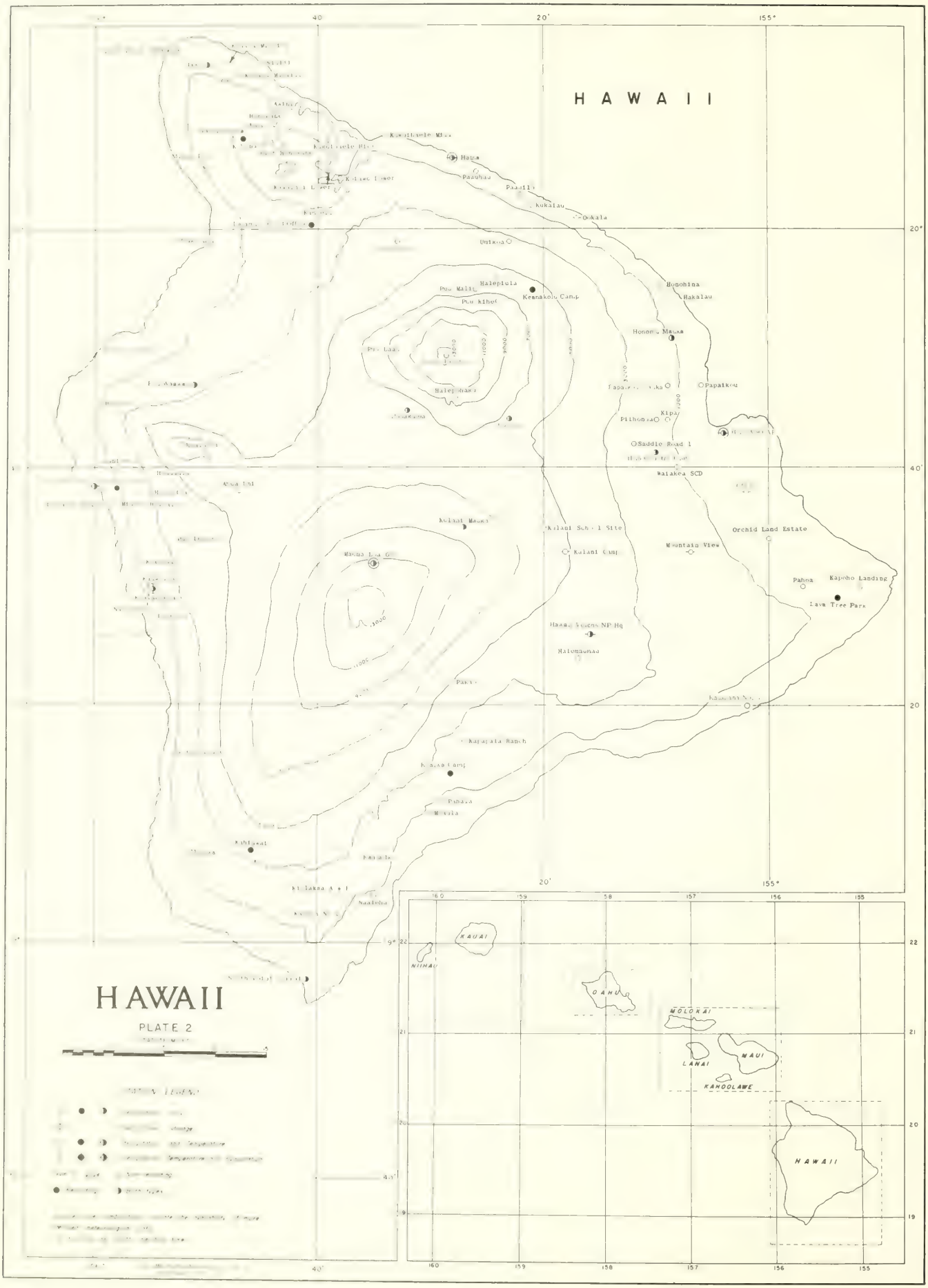
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

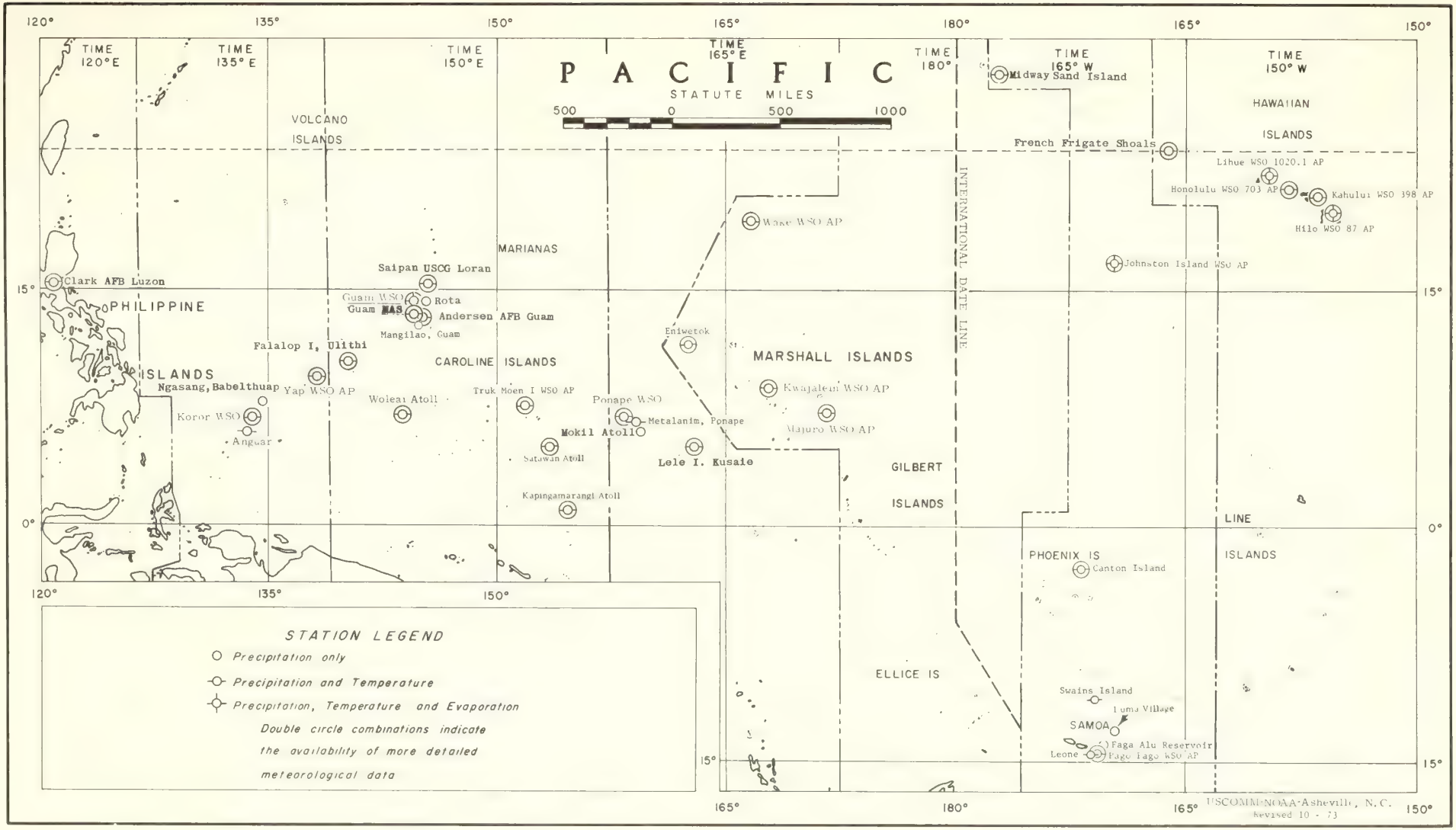
William H. Hoggard
Director, National Climatic Center

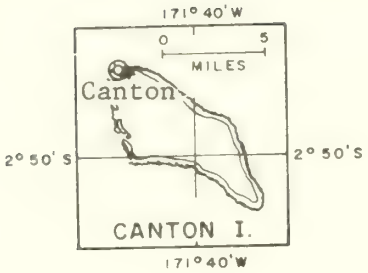
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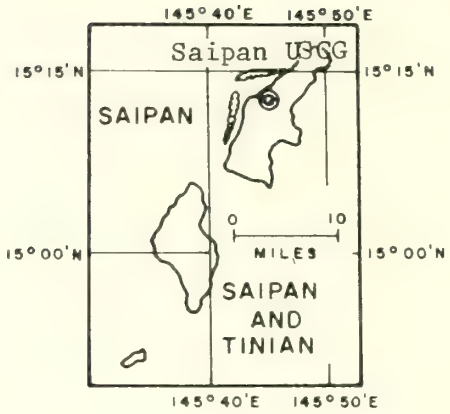

KAUAI
NIIHAU
OAHU
HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
Type of gage
Recording
Both types
Lihue
Waimea
Honolulu
Kaneohe
Kahuku
Waialua
Wahiawa
Waianae
Nanakuli
Ewa
Barbers Point
Kaneohe Bay
Pearl Harbor
Waikiki
Diamond Head
Makapuu Point
Kaena Point

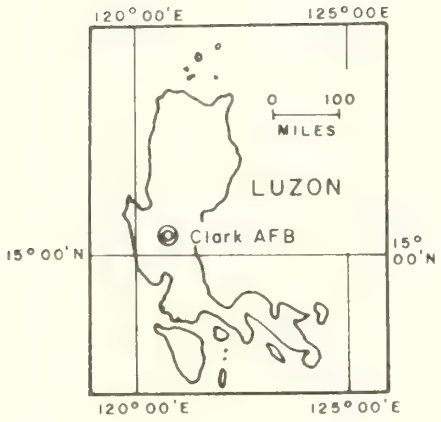

MOLOKAI
LANAI
MAUI
KAHOOLAWE
Kaumalapau Harbor
Kaupo
Hana
Kihahuna
Kahului
Wailuku
Makawao
Lahaina
Kihei
Honokohau
Halawa
Kamalo
Kaunakakai
Maunaloa
Kalaupapa
Kaluakoi
Hoolehua
Kualapuu
Manele Bay
Hulopoe Bay
Lanai City
Keomuku
Palawai
Haleakala
Kula
Makena
Olowalu
Ukumehame
Honokowai
Napili
Kapalua
Honolua
Honokohau
Waihee
Waiehu
Paia
Huelo
Keanae
Nahiku
Kipahulu
Kaupo
Ulupalakua
Kanaio
Makena
Kihei
Wailea
Maalaea
Waiehu
Kahului
Paia
Haiku
Huelo
Hana
Kipahulu
Kaupo
Ulupalakua
Kula
Pukalani
Makawao
Olinda
Haleakala
Waiohuli
Kamaole
Wailea
Makena
Kanaio
Manele Bay
Hulopoe Bay
Lanai City
Palawai
Maunaloa
Kaumalapau Harbor
Kaluakoi
Hoolehua
Kualapuu
Kaunakakai
Halawa
Kamalo
Honokohau
Honolua
Napili
Kapalua
Honokowai
Olowalu
Ukumehame
Lahaina
Kihei
Wailea
Maalaea
Waiehu
Kahului
Paia
Haiku
Huelo
Keanae
Nahiku
Hana
Kipahulu
Kaupo
Ulupalakua
Kula
Pukalani
Makawao
Olinda
Haleakala
Waiohuli
Kamaole
Wailea
Makena
Kanaio
Manele Bay
Hulopoe Bay
Lanai City
Palawai
Maunaloa
Kaumalapau Harbor
Kaluakoi
Hoolehua
Kualapuu
Kaunakakai
Halawa
Kamalo
Honokohau
Honolua
Napili
Kapalua
Honokowai
Olowalu
Ukumehame
Lahaina
Kihei
Wailea
Maalaea
Waiehu
Kahului
Paia
Haiku
Huelo
Keanae
Nahiku
Hana
Kipahulu
Kaupo
Ulupalakua
Kula
Pukalani
Makawao
Olinda
Haleakala
Waiohuli
Kamaole
Wailea
Makena
Kanaio

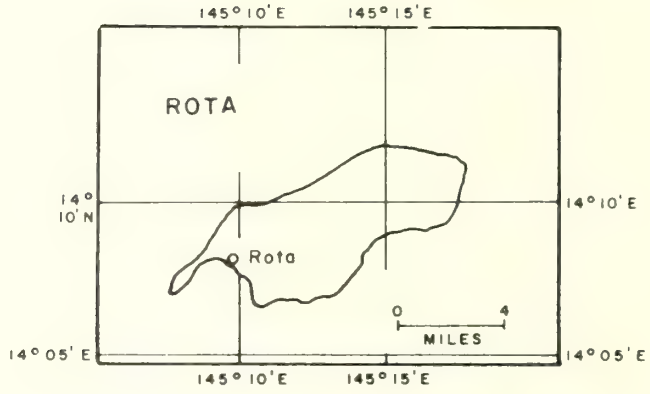

HAWAII
Hilo
Hāmākua
Kaūmana
Waimea
Kawaihae
Honokaa
Hāwī
Kohala Mts.
Hāna
Pāpaikou
Pāauilo
Kukaiau
Ookala
Umikoa
Haleohiu
Keamakolo Camp
Honohina
Hakalau
Honomū Mauka
Papaikou
Kipa
Pithonia
Saddle Road 1
Waiakea SCD
Kulani Maka
Kulani Sch. 1 Site
Orchid Land Estate
Mountain View
Kulani Camp
Pahoa
Kapoho Landing
Lava Tree Park
Hawaii Volcanoes NP Hq
Halemaumau
Kapapala Ranch
Pahala
Naalehu
Kau Desert
Kaʻū Desert
Mauna Loa
Mauna Kea
Hualalai
Kohala Mts.
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII
HAWAII
PLATE 2

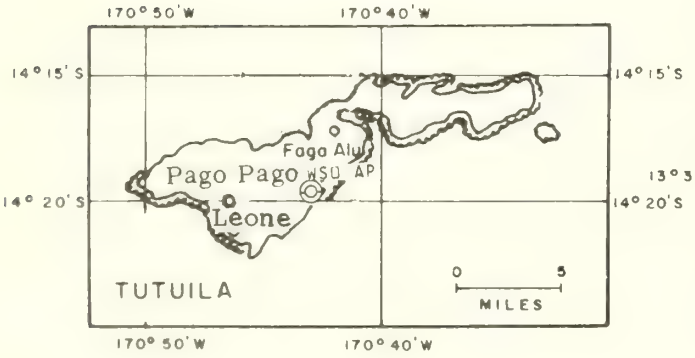

120°
135°
150°
165°
180°
165°
150°
TIME 120°E
TIME 135° E
TIME 150°E
TIME 165° E
TIME 180°
TIME 165° W
TIME 150° W
P A C I F I C
STATUTE MILES
500 0 500 1000
VOLCANO ISLANDS
Midway Sand Island
HAWAIIAN ISLANDS
French Frigate Shoals
Lihue WSO 1020.1 AP
Honolulu WSO 703 AP
Kahului WSO 398 AP
Hilo WSO 87 AP
Wake WSO AP
Johnston Island WSO AP
INTERNATIONAL DATE LINE
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
15°
PHILIPPINE ISLANDS
Guam WSO
Guam NAS
Rota
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
CAROLINE ISLANDS
Ngasang, Babelthuap
Yap WSO AP
Woleai Atoll
Truk Moen I WSO AP
Koror WSO
Angaur
Eniwetok
MARSHALL ISLANDS
Kwajalein WSO AP
Ponape WSO
Metalanim, Ponape
Majuro WSO AP
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
GILBERT ISLANDS
LINE ISLANDS
0°
PHOENIX IS
Canton Island
ELLICE IS
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

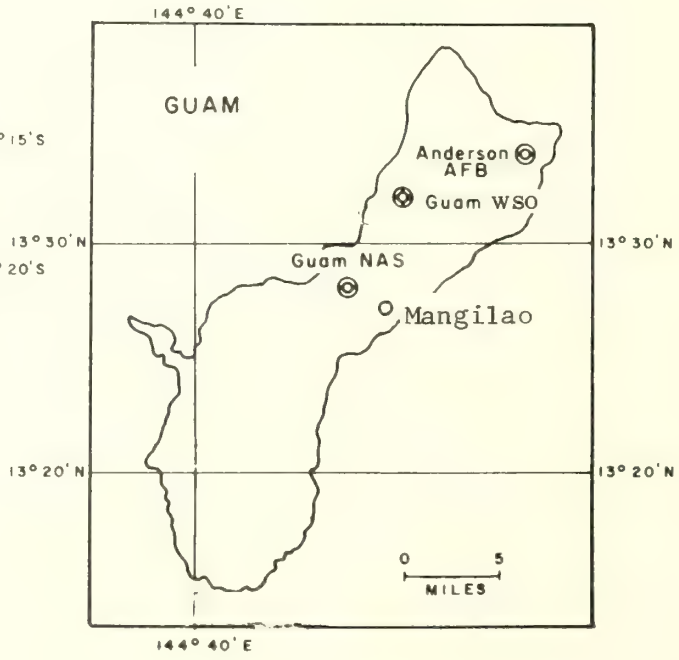

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

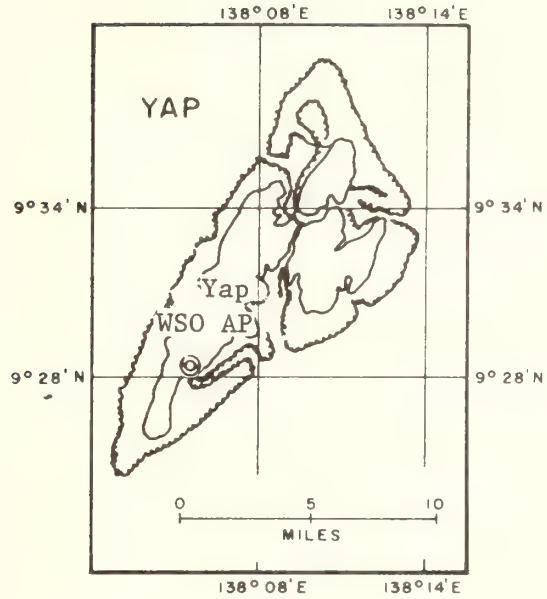

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

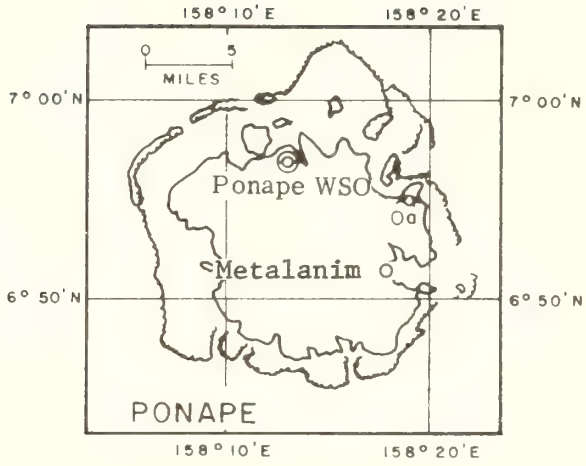

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

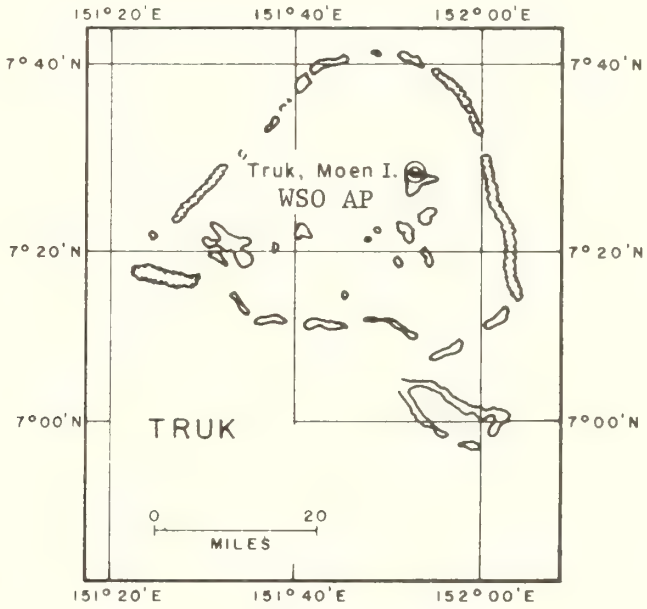

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

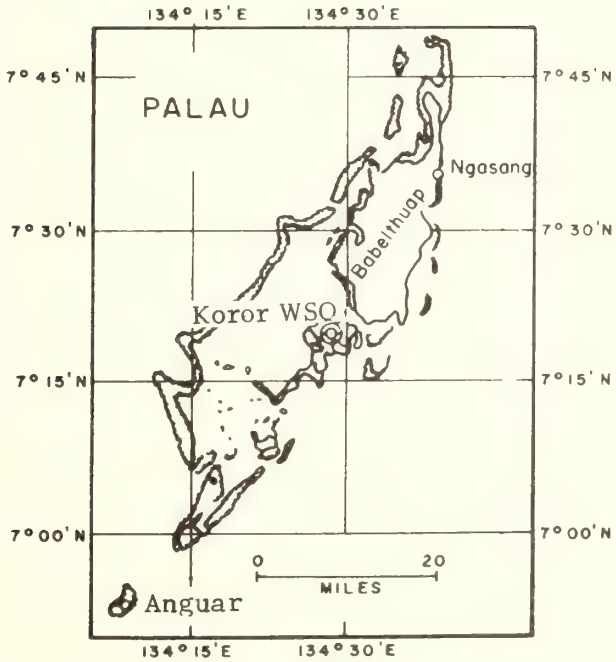

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

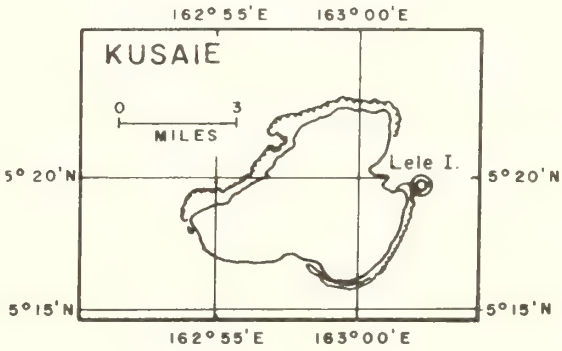
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

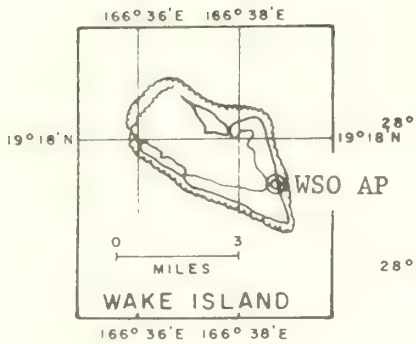

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Oa
Metalanim
PONAPE

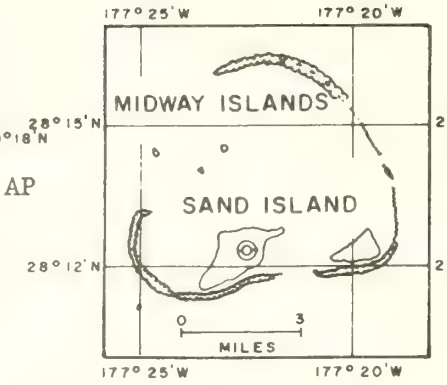

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

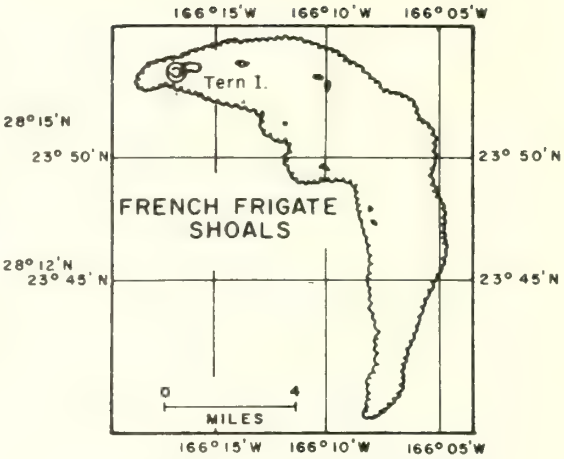

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

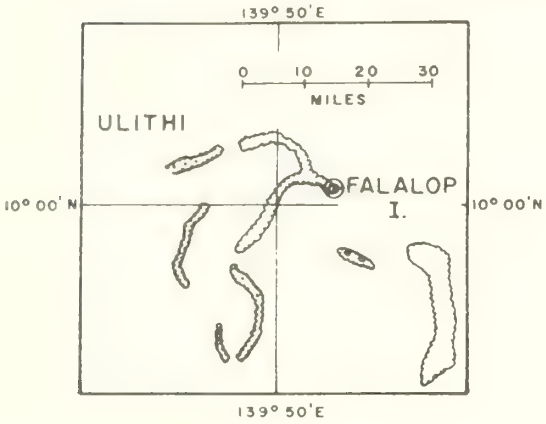

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

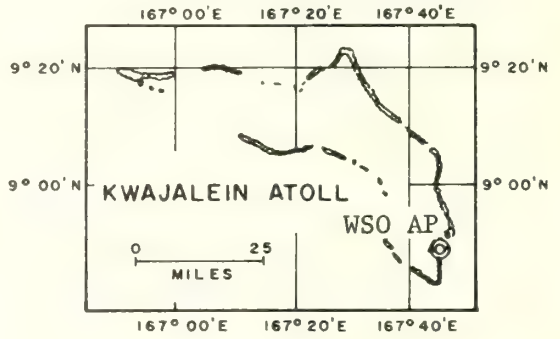
— Reef

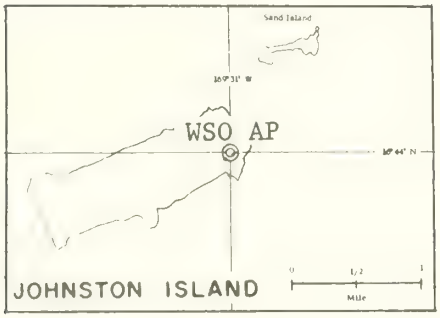

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

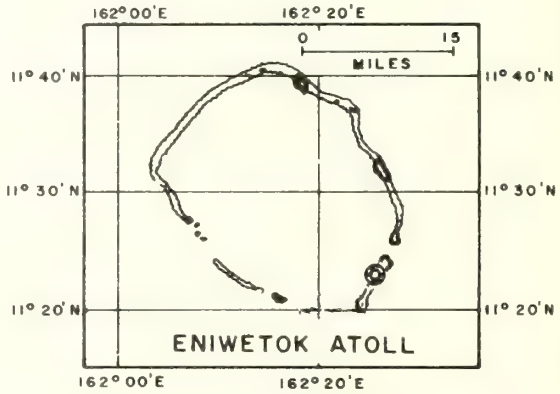

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0
3
MILES

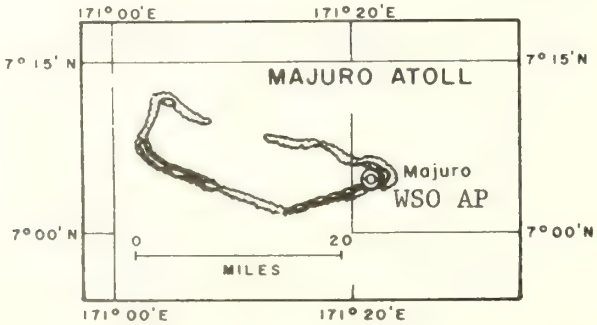

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0
20
MILES

U.S. DEPARTMENT OF COMMERCE
NATIONAL CLIMATIC CENTER
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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THIRD CLASS



DECEMBER 1974 VOLUME 70 NUMBER 12

CLIMATOLOGICAL DATA

HAWAII AND PACIFIC

TEMPERATURE AND PRECIPITATION EXTREMES

HAWAIIAN STATIONS ONLY

HIGHEST TEMPERATURE:	KEAWAKAPU BEACH 260.2	MAUI	89	DATE 08
LOWEST TEMPERATURE:	MAUNA LOA SLOPE OBS	HAWAII	26	DATE 20
GREATEST TOTAL PRECIPITATION:	HILO COUNTRY CLUB 86.0	HAWAII	38.06	
LEAST TOTAL PRECIPITATION:	3 STATIONS		.00	
GREATEST 1 DAY PRECIPITATION:	HILO COUNTRY CLUB 86.6	HAWAII	8.12	DATE 21

SUPPLEMENTAL DATA

	WIND (SPEED - M.P.H.)						RELATIVE HUMIDITY AVERAGES- PERCENT (STANDARD OF TIME: GREENWICH CIVIL)				NUMBER OF DAYS WITH PRECIPITATION							PERCENT OF POSSIBLE SUNSHINE	AVERAGE SKY COVER SUNRISE TO SUNSET
	RESULTANT DIRECTION	RESULTANT SPEED	AVERAGE	FASTEST MILE	DIRECTION OF FASTEST MILE	DATE OF FASTEST MILE	12	18	00	06	TRACE	.01-.09	.10-.49	.50-.99	1.00-1.99	2.00 AND OVER	TOTAL		
GUAM WSO AP		-	-	28	NE	29	-	79	81	87	1	8	15	3	0	0	27	63	-
HILO, HAWAII, WSO AP	19	2.0	5.9	17	SE	25	85	81	70	85	2	3	15	3	2	3	28	29	6.8
HONOLULU, OAHU, WSO AP	7	11.4	12.7	34	NE	17	78	75	57	71	12	8	2	0	0	0	22	67	4.0
JOHNSTON ISLAND WSO AP	9	19.1	19.7	36	E	07	75	75	71	76	6	11	8	0	0	0	25	77	3.4
KAHULUI, MAUI, WSO AP	6	13.2	14.6	32	NE	16	72	71	54	70	7	10	0	0	0	0	17	77	2.6
KOROR WSO AP	7	5.8	7.8	33	E	24	89	-	82	79	0	13	6	4	3	3	29	34	9.5
KWAJALEIN WSO AP	7	15.8	16.2	28++	9	20	79	81	75	77	6	9	5	0	3	1	24	-	8.9
LIHUE, KAUAI, WSO AP	7	12.2	14.1	24	NE	26+	72	71	65	71	4	16	3	0	0	0	23	47	5.3
MAJURO WSO AP	7	12.3	13.0	33	E	16	81	83	77	80	3	7	6	3	6	1	26	43	9.5
PAGO PAGO WSO AP	34	3.2	8.6	56	N	20	91	88	74	82	2	12	9	2	2	1	28	46	8.0
PONAPE WSO AP	-	-	-	29	NE	26	83	-	78	79	1	7	13	8	2	0	31	58	9.3
TRUK,MOEN I, WSO AP	6	9.4	10.9	26	NE	27+	84	-	78	81	2	9	10	5	0	1	27	65	9.8
WAKE WSO AP	6	15.1	16.6	42	NE	25	82	82	67	77	4	11	6	0	0	0	21	-	3.9
YAP WSO AP	8	9.1	10.0	26	NE	24	88	-	79	77	3	5	12	4	5	0	29	74	8.5

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE									NO. OF DAYS				PRECIPITATION							NO. OF DAYS		
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	MAX. 90° OR ABOVE	MAX. 32° OR BELOW	MIN. 32° OR BELOW	MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
HAWAII																								
ISLAND OF KAUAI																								
HANAPEPE 1114	R														2.52				.0	0				
KANALOHULUHULU 1075		66.1	50.2	58.2		70	6	39	6+		0	0	0	0	2.16		.75	22	.0	0		7	1	0
KAPAA STABLES 1104	A														2.24				.0	0				
KILAUEA FIELD 17 1135	A																		.0	0				
KILAUEA POINT 1133																			.0	0				
KOLOA 336	H														5.08				.0	0				
LIHUE WSO 1026.1 AP	R	80.0	71.7	75.9	3.4	81	24+	65	6		0	0	0	0	1.61	- 4.73	.47	21	.0	0		3	0	0
MANA 1026		84.3	63.5	73.9	1.9	87	17	61	29+		0	0	0	0	.39	- 3.67	.21	22	.0	0		1	0	0
N WAILUA DITCH 1051	A														12.59				.0	0				
PH WAINIHA 1115															7.45	- 6.86			.0	0				
POLEHU RIDGE 1040															.70	- 4.97	.55	23	.0	0		2	1	0
WAHIAWA 936	A														2.81	- 2.66			.0	0				
WAIMEA LOWER 1054		78.0	62.9	70.5		81	5+	57	6+		0	0	0	0	8.31	- 4.33	2.15	22	.0	0		18	5	1
WAIMEA 947															.53	- 3.86	.28	23	.0	0		2	0	0
ISLAND				69.6											3.87				.0					
ISLAND OF OAHU																								
CHURCH COLLEGE LAIE		80.7	69.5	75.1		83	9+	62	4+		0	0	0	0	1.21		.35	26	.0	0		3	0	0
HONOLULU OBSERV 702.2															.32		.15	23	.0	0		1	0	0
HONOLULU WSO 703 AP	R	83.2	68.3	75.8	2.1	85	24+	59	30		0	0	0	0	.59	- 3.10	.17	26+	.0	0		2	0	0
KANEOHE MAGKA 781		79.0	69.8	74.4	2.4	83	7	64	30		0	0	0	0	2.71	- 5.08	.45	20	.0	0		9	0	0
KOKO AL DAM 833	A														12.50		2.34	15	.0	0		18	8	3
LAHAINALUNA 804	A	81.2	67.5	74.4		84	17+	57	30		0	0	0	0	.27				.0	0			0	0
MAKAPUU POINT 724																			.0	0				
NUUANU RES 4 783															5.96		1.54	22	.0	0		13	4	1
OPAEULA 870	A	76.4	65.1	70.8	2.9	84	6+	58	6		0	0	0	0	3.91				.0	0				
PALOLO VALLEY 718	R														5.98	- 8.74	1.78	22	.0	0		11	4	1
PRI WAHIAWA 820.2	A	M	M	M							0	0	0	0	2.47				.0	0				
WAHIAWA DAM 863	A														2.76				.0	0				
WAIAHOLE 837	A														4.37				.0	0				
WAIALEE 896.3		79.1	68.0	73.6		81	8-	61	27		0	0	0	0	2.02		.40	20	.0	0		8	0	0
WAIALUA 847	A	81.0	64.0	72.5	1.4	85	3	57	30		0	0	0	0	.56	- 4.08	.18	22	.0	0		2	0	0
WAIKIKI 717.2		82.8	66.8	74.8		86	18+	60	4+		0	0	0	0	.35		.06	22	.0	0		0	0	0
WAIMANALO EXP FARM		80.3	69.2	74.8		83	7	63	5+		0	0	0	0	.32		.07	20+	.0	0		0	0	0
WAIPAHU 750	A														.37				.0	0			0	0
ISLAND				74.0											2.75				.0					
ISLAND OF MOLOKAI																								
KUALAPUU 534	A														.82				.0	0				0
MAPULEHU 542																			.0	0				
MAUNALOA 511	A														.25				.0	0			0	0
MOLOKAI AP 524		80.4	65.8	73.1		82	21+	54	12		0	0	0	0	.74		.38	21	.0	0		2	0	0
ISLAND				73.1											.60				.0					
ISLAND OF LANAI																								
LANAI CITY 672	A	M	M	M							0	0	0	0	.94	- 3.19			.0	0			0	0
ISLAND				.0											.94				.0					
ISLAND OF MAUI																								
HALEAKALA B E S 434	A														4.93		1.40	16	.0			11	2	2
HALEAKALA RS 338		60.6	43.3	52.0	.3	67	2	36	19		0	0	0	0	3.39	- 5.47	1.31	21	.0	0		9	2	1
HANA AIRPORT 355		79.1M	68.2M	73.7M		82	7	63	1		0	0	0	0	4.29		.81	21	.0	0				0
HONOMANUA 493	A														1.46				.0	0			0	0
KAHANAPA I HP 454.1		80.3M	67.3M	73.8M		82	13	61	30		0	0	0	0			.08	22+	.0	0		0	0	0
KAMAOLI WSO 338 AP	R	82.0	67.2	74.6	2.0	85	5	58	30		0	0	0	0	.37	- 2.47	.09	11	.0	0		0	0	0
KAULA 448		M	M	M							0	0	0	0	10.53	- 2.18			.0	0				
KEANAE 346	A														44.12				.0	0				
KIPAHULU 1 258															4.92	- 5.27	.63	16	.0	0		13	5	0
KULA SANATORIUM 267		72.3	54.3	63.3	.9	77	22+	51	28		0	0	0	0	.27	- 3.34	.10	22	.0	0		1	0	0
LAHAINA 361		84.5	66.3	75.4	2.4	88	7+	63	30		0	0	0	0	.16	- 2.70	.16	23	.0	0		1	0	0
PAIA 406															1.40	- 3.23	.17	22+	.0	0		7	0	0
WAILUKU 386	A	M	M	M							0	0	0	0	.22	- 4.43			.0	0			0	0
ISLAND				68.8											6.34				.0					
ISLAND OF HAWAII																								
HAINA 214		77.1	65.6	71.4	1.1	80	7+	61	31		0	0	0	0	9.06	.28	3.42	21	.0	0		8	4	1
HAWAII VOLCNS NP HQ 54		64.7	51.3	58.0	.4	72	4	44	2		0	0	0	0	21.30	8.97	4.36	21	.0	0		20	12	5
HILO WSO 87 AP	R	79.6	65.0	72.3	.7	84	5	61	1		0	0	0	0	19.20	3.44	4.46	20	.0	0		23	8	5
HUEHUE 92.1	A														.99				.0	0				0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

HAWAII AND PACIFIC
DECEMBER 1974

STATION		TEMPERATURE													PRECIPITATION									
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	NO. OF DAYS MAX. 90° OR ABOVE	NO. OF DAYS MAX. 32° OR BELOW	NO. OF DAYS MIN. 32° OR BELOW	NO. OF DAYS MIN. 0° OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	SNOW, SLEET TOTAL	SNOW, SLEET MAX. DEPTH ON GROUND	SNOW, SLEET DATE	NO. OF DAYS .10 OR MORE	NO. OF DAYS .50 OR MORE	NO. OF DAYS 1.00 OR MORE
HAWAII																								
KAINALIU 73.2		77.2	60.7	69.0		80	16+	58	31+		0	0	0	0	1.11	- 2.50			.0	0				0
KEAAU 92		77.5	63.2	70.4		82	5	60	2+		0	0	0	0	22.03		4.31	21	.0	0		23	13	5
KONA (KAILUA) 68.3	A	M	M	M							0	0	0	0	.36				.0	0			0	0
KUKUIHAELE HIC 199															5.25	- 3.92	2.15	21	.0	0		10	3	2
KULANI CAMP 79		61.1	45.0	53.1		68	5+	35	30		0	0	0	0	25.14		5.80	21	.0	0		21	10	7
PAHALA 21	A	78.5M	61.0M	69.8M	- .2			57	31		0	0	0	0	7.53		2.50	22	.0	0		5	4	3
POHAKULOA 107	A														1.30		.52	22	.0	0		3	1	0
PUAKO 95.1	A	81.4	66.1	73.8		86	8	61	31		0	0	0	0	.32		.21	22	.0	0		1	0	0
PUU WAAWAA 94.1	A														.59				.0	0			0	0
UMIKOA 118															10.88	- 1.44	6.14	21	.0	0				
WAIAKEA SCD 88.2															32.63		6.21	21	.0	0		24	13	7
ISLAND				67.2											10.51				.0					

SEE REFERENCE NOTES FOLLOWING STATION INDEX

MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

STATION		TEMPERATURE									NO. OF DAYS				PRECIPITATION					SNOW, SLEET			NO. OF DAYS		
											MAX.		MIN.												
		AVERAGE MAXIMUM	AVERAGE MINIMUM	AVERAGE	DEPARTURE FROM NORMAL	HIGHEST	DATE	LOWEST	DATE	DEGREE DAYS	32° OR ABOVE	1 OR BELOW	32° OR ABOVE	1 OR BELOW	TOTAL	DEPARTURE FROM NORMAL	GREATEST DAY	DATE	TOTAL	MAX. DEPTH ON GROUND	DATE	.10 OR MORE	.50 OR MORE	1.00 OR MORE
PACIFIC																									
• • •																									
EAST OF 180TH MERIDIAN																									
CANTON ISLAND		90.9	74.2	82.6		94	8	72	30+		22	0	0	0	.48		.17	25	.0	0		3	0	0
FAGA ALU RESERVOIR															23.54		14.70	17	.0	0		18	8	3
JOHNSTON WSO AP	R	81.4	74.2	77.8		83	5+	71	23+		0	0	0	0	1.49		.17	23+	.0	0		8	0	0
LEONE															19.72		2.20	28+	.0	0		20	13	10
FRENCH FRIGATE SHOALS																			.0	0				
LUMA VILLAGE															17.23		2.75	18	.0	0				7
MIDWAY SAND ISLAND		75.5M	65.8M	70.7M	2.2	80	17+	59	25		0	0	0	0			1.69	1	.0	0		6	3	1
PAGO PAGO WSO AP	R	85.4	74.5	80.0	.0	89	8	70	2		0	0	0	0	9.16	- 5.69	2.15	11	.0	0		14	5	3
SWAINS ISLAND																			.0	0				
• • •																									
WESTERN PACIFIC ISL. NORTH OF 12 N																									
ANDERSEN AFB GUAM		83.4	77.4	80.4	1.1	86	10+	74	26+		0	0	0	0	4.83	- 1.03	1.04	25	.0	0		12	3	2
CLARK AFB LUZON		85.5	71.8	78.7	.2	90	14	68	2+		1	0	0	0	2.75	1.37	1.28	16	.0	0		6	1	1
GUAM NAS		85.0	79.9	82.5	2.3	87	9	79	30+		0	0	0	0	5.46	.39	1.80	5	.0	0		10	3	1
GUAM WSO	R	83.9	73.5	78.7	.2	86	14	69	18+		0	0	0	0	6.20	.35	.98	25	.0	0		18	3	0
MANGILAO															6.03		1.76	6	.0	0		13	2	2
ROTA																			.0	0				
SAIPAN USCG LORAN		87.0	75.7	81.4		89	5+	67	1		0	0	0	0	2.76		.35	21	.0	0		10	0	0
WAKE WSO AP	R	83.7	72.8	78.3	- .3	86	12+	68	28		0	0	0	0	1.73	.00	.35	19	.0	0		6	0	0
• • •																									
CAROLINE AND MARSHALL ISLANDS																									
ANGAUR															15.00	5.05	3.62	29	.0	0		14	8	5
ENIWETOK		86.5	76.7	81.6	- .3	88	10+	72	2		0	0	0	0	1.87	- 1.23	.73	2	.0	0		5	1	0
FALALOP I. ULITHI		85.4M	77.3M	81.4M		87	7+	74	28+		0	0	0	0	7.11		2.67	28	.0	0			3	1
KAPINGAMARANGI ATOLL		87.2	74.2	80.7		90	30+	69	3		2	0	0	0	12.18		2.20	14	.0	0		16	8	4
KOROR WSO	R	87.8	75.3	81.6	.3	90	21+	72	30+		4	0	0	0	18.54	5.67	3.69	29	.0	0		16	10	6
KWAJALEIN WSO AP	R	85.5	77.9	81.7	.1	87	27+	73	11		0	0	0	0	8.50	- .73	2.59	11	.0	0		9	4	3
LELE I. KUSAIE		88.6	74.3	81.5	- .1	91	30+	69	21+		13	0	0	0	30.68	8.94	6.12	17	.0	0		21	17	12
MAJURO WSO AP	R	84.2	76.4	80.3	- .8	86	16+	73	8+		0	0	0	0	14.49	2.61	2.33	20	.0	0		16	10	7
METALANIM		85.3	75.5	80.4		88	31+	71	11		0	0	0	0	15.99		4.15	11	.0	0		24	9	5
MOKIL ATOLL																			.0	0				
NGASANG, BABELTHUAP															11.82		1.62	16	.0	0		16	8	5
PONAPE WSO	R	86.5	75.0	80.8	.2	91	31	72	19+		2	0	0	0	12.32	- 3.63	1.87	10	.0	0		23	10	2
SATAWAN ATOLL																			.0	0				
TRUK, MOEN I. WSO AP	R	86.6	76.8	81.7	.4	89	31+	72	8		0	0	0	0	8.84	- 5.08	2.53	8	.0	0		16	6	1
WOLEAI ATOLL		86.8	74.7	80.8		89	10+	72	28+		0	0	0	0	9.59		2.43	10	.0	0		18	5	2
YAP WSO AP	R	86.0	75.2	80.6	- .4	88	25	71	18		0	0	0	0	13.30	3.42	1.32	18	.0	0		21	9	5

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
ISLAND OF KAUAI																																	
AMAHOLA 1114	A	2.52	*	.28					*	*	.08			.20		*	*	.08		.05		.09	*	*	1.55		*	.04	.04	*	*	.11	*
BRYDESWOOD STA 985	A	4.79	*	.04	T	T		T	*	*	.15	.10	.07	.09	02	*	*	.90		05	.02	.57	*	*	1.25	.03	*	.12	.91	*	*	.42	.05
EAST LAWAI 934	A	5.70	*	.07					*	*	.24	.13	.04	.05	01	*	*	.53				1.02	*	*	1.84	.11	*	.17	1.27	*	*	.22	
ELEELE 927	A	2.02	*	.22					*	*	.03	.05		.01		*	*	.23				.25	*	*	.79	T	*	.03	.35	*	*	.06	
HALAULA 1110	A	3.07	*	.40					*	*	.18			12		*	*	.07		.07	.01	.20	*	*	1 80				.07	*	*	.15	*
HALEMANAHO 1006	A	6.07	*	.34					*	*	.26	07	.05	.15	06	*	*	.39			05	.61	*	*	2.37	.17	*	.13	1 25	*	*	.17	*
HUKIPO 945		.65																				.20			.30				.15				
ILILIULA INTAKE 1050	A	12.94	*	.23	.30				*	*	.63	20	.09	.36	04	*	*	.46	06	08	.23	1.45	*	*	5.26	.63	*	1.14	1.10	*	*	.68	*
INTAKE WAIMIHA PC 1086	A	10.35	*	.53	*	*	T	*	*	*	1 58	*	*	*	52	*	*	1.20	*	*	*	2.77	*	*	73	*	*	*	2.85	*	*	*	.37
KAMALOHULUHULU 1075		2.16	.05	.01				02		.01	20	03	.05	10			20	.10			.02	.37	.10	.75		.02		.03	06			.02	.02
KANEHA RESERVOIR 1092	A	5.54	*	.50					*	*	70		.05	.35		*	*	.15		.13	05	.31	*	*	2.65	.05	*	.05	.30	*	*	25	*
KAPAA STABLES 1104	A	2.24	*	.32					*	*	13			.15		*	*	.02			.07	.20	*	*	1.27		*	.03	.05				*
KEALIA 1112	A	2.20	*	.48					*	*	.18			18		*	*	.05		.04		10	*	*	.90				.05	*	*	.22	*
KEKAHA 944		.49																				.06		33					.08				.02
KILAUEA 1134	A	5.46		.47							.13	02	11	06				18		.06	04	.25		3.14	15			.14	.37				.34
KILAUEA FIELD 17 1135	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILAUEA POINT 1133		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KOLO 1033		.34																				.06			.19				.09				
KOLOA 935	A	5.08	*	.12					*	*	.32	.15	.01	.13		*	*	51				.60	*	*	1.67	08	*	.27	1.05	*	*	.15	.01
KOLOA MAUKA 994	A	7.01	*	*	.24	*	*	*	*	*	*	.49	*	*	*	*	*	*	58	*	*	*	*	*	*	3.60	*	*	*	*	*	2.10	*
KOLOKO RES 1137	A	5.58	*	*	*	*	*	65	*	*	*	*	*	*	50	*	*	*	*	*	*	1 30	*	*	*	*	*	*	3.13	*	*	*	*
KUKUIULA 935	A	2.93	*	.02					*	*	.25	07	04	04		*	*	.30				.51	*	*	.97	.01	*	.08	.56	*	*	06	.02
LIHUE VARIETY STA	A	4.44	*	.35	.01				*	*	41	26		.26		*	*	.17	.02		.08	.24	*	*	1.90		*	.25	.30	*	*	.19	*
LIHUE 1020	A	2.79	*	.25	.01				*	*	05	.07		.03		*	*	.16	.01		.01	.52	*	*	1.02	.01	*	.14	.43	*	*	.08	*
LIHUE WSO 1020.1 AP //R		1.61	.06						.01	.02	07	.01	T	04	T	.03	.04			T	05	.25	.47	.03	.02	T	07	29	.01	.01	.05		.08
MAKAHUENA POINT 940.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAKAWELI 965	A	1.33		.01													.03	.11				.11	.17	20	.51			.01	.12	06			.01
MANA 1026		.39																				06	05	.21					07				
MOHIHI UPR CROSS 1083	A	4.13								.16	24		.08	.18			09	.44		.09	.27	44	1.07				09	.62				.27
MOLOAA 1145	A	3.63	*	.31					*	*	12	*	06	*	01	*	*	.08	*	.05	*	1.20	*	*	1.52	*	02	*	.16	*	*	.10	*
MOUNT WAIALEALE 1047	R	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MIU RIDGE 1035		.36																							.36								
N WAILUA DITCH 1051	A	12.59	*	.27					*	*	46	.10	.24	36	.02	*	*	.67	.01	09	.25	1 40	*	*	6.79	.52	*	.47	.94	*	*	*	*
PH WAIMIHA 1115	V	7.45	*	.73	T				*	*	47	.03	.05	.19			*	.29	T	.10	.08	1.45	*	*	2.63	.01	*	.33	.95	*	*	.12	.02
PRINCEVILLE RANCH 1117	V	6.38	*	.41					*	*	.26	.04	05	.10			*	.32	.03	.10	.11	.61	*	*	3.32	.06	*	.34	.38	*	*	.22	.03
PUEHU RIDGE 1040		.70																				.10			.55				.05				
PUHI 1013	A	2.00	*	06					*	*	.12	03	.01	.06		*	*	39		.01	.22	22	*	*	.17		*	.09	.58	*	*	.03	
WAHIAWA 930	A	2.81							*	*	.09	.10	.02	.02	T	*	*	.47		T		.43	*	*	1.01	.01	*	.07	.48	*	*	.09	.02
WAIAHI LOWER 1054		8.31								.11	.53	26	.04	.19	04	.13	.42		.04	.06	.07	.37	85	2.15	.57	.31	.12	.18	.88	.42	.15	.06	.11
WAIAHI UPPER 1052		11.85	.17							23	.47	.27	.08	39	.41	.15	.28	.05	.03	.14	.09	.74	1.19	3.17	58	.51	.19	.33	1.43	.53	.19	.03	.20
WAIAWA 943		.07																				.07											
WAILUA KAI 1065	A	2.52	*	.33					*	*	.16	.19		.11		*	*	.15			11	.13	*	*	.95		*	.08	.20	*	*	.11	
WAIMEA 947		.53																				.18			.28				.07				
WEST LAWAI 931	A	3.99	*	.02					*	*	26	.17	T	04	01	*	*	.51				.89	*	*	1.13	.03	*	.07	.78	*	*	.06	.02
* * *																																	
ISLAND OF OAHU																																	
BERETANIA PUMPING STA		1.51							14	14	.12	T		01		04		.13	30			.05	.02	.04	.05	.10	05	.30	.02				
CAMPBELL IND PK 702.5		.21									T							.05						.05	.06	*	*	.05				
CAMP 84 807	A	.97	*	.04	*	*	*	*	*	*	.08	*	*	.13	*	*	*	.30	.03	*	*	.18	*	.12			*	.08		*	*	.01	
CHURCH COLLEGE LAIE		1.21								.05	.02	.01	T	.02	T		01	.08	.02	T	.04	.23	T	06	T		.02	.35	.05	.20	.04		.01
COCONUT ISLAND 840.1		.98		01					.08	.02	.05	.04		.05	*	*	.16	.01	.01	.01		.07	*		.20	.04	*	.11	.04	*	*	.03	.05
EWA PLANTATION 741		*							*	*	.01					*	*	.03					*	*	.18		*	.02				*
HELEMANO INTAKE 881	A	2.50							*	*	.43	*	*	.24	*	*	*	*	*	*	*	*	*	*	1.75			.05	*	*	*	.03	
HOKULOA 725.2	A	.95	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.93	*	*	.02	*	*
HONOLULU OBSERV 702.2		32		T					T		T			T			.02							.07	.15				.08				
HONOLULU WSO 703 AP	R	.59						.01	03	03	T	T	T		T	.03	.05	.01		T		T	.05	.17	T	T	T	.17	T	T	T		.04
HONOLULU SUBSTA 704	R	.99						.04	16	07	.03					.02	.16	.07					.03	.05	.05	.02	.27						.02
H S P A EXP STA 707		1.40							.22	.09	.08		T	.06			.14	.18	.01			.05	.02	.05	.03	.10	.04	.39	03				
KAENA POINT 841.3		*	*	*	1.00	.10	*	*	*	*	.10	*	15	*	*	*	*	.10	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
KAHANA 883	A	13.00	*	1.16	*	*	*	*	*	*	76	*	*	*	*	*	*	1.72	*	*	*	*	*	*	5.60	*	*	*	*	*	*	3.76	*
KAHUKU 912	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAILUA FIRE STA 791.3		.87										.20		01	.06			.01	.03	.03	*	.11	.10	.07	.06			.15	.04				T
KALIHI RES SITE 777	R	4.88	.02				.02	.10	30	10	.02	.02	.22	.14		.22	.08	.06			.04	.32	.30	1.16	.64	.02	.20	.40	.20		.02	.02	.26
KANEOHE MAUKA 781		2.71	.05	.01			.01	.04	.23	.06	06			.26	.02		.30		.05			.45	.06	.15	.23	.10		.38	.12	.02	.08	.03	
KAPALAMA 773	A	3.90							*	*	51			.15		*	*	.85		.20			*	*	1.00			.97	.10	*	*	.12	
KAWAIWAPAI 841	A	.55									02		T	.04		*	*	.05				.05	*	*	.21		*	.14	.04				
KAWAI IKI INTAKE 880.2	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KEMOO CAMP 8 855	A	1.58	*	.04					*	*	.14		T	04		*	*	.15	.02	T		.46	*	*	.27	.05	*	.35	.05	*	*	.01	
KOOLAU DAM 833	A	12.50	.04				.10	.14	28	.01	75	01	.12	.82	.02		2.34	1.96	.10	.09	.05	.89	.09	.44	.24	.18	.76	1.68	.80	.24	.07	.04	.24
LUALUALEI 804	A	.27														*	*	.12	*	.12	*	.03	*	*	*	*	*	*	*	*	*	*	*
LUALUALEI WTR TUNNEL	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MAKAHA KAI 796.1	A	.20									T						T	T	.01		T	.04			.14		.01		T				
MAKAHA PUMP 800.2	A	1.42									.01							.08			.90	.11				.31	.01						
MAKAPUU POINT 724		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MANOA 712.1		4.08							.61	.17	.14			.25			.45	.24		02		.14	.12	12	.23	30	.06	.83	.34			.04	.02
MANOA TUNNEL 2 716	R	9.38	.04					.22	60	.20	.06	10	20	.16	08	.38	.08	.08			.12	.54	.36	2.20	1.16	04	.20	1.20	.50	.10	.06	.02	.68
MOANALUA 770		*							.35	.08	13		*	.11		*	.15	.48	.11	03		.42	02	.11	.17	.08	.06	.21	.08	*	*	02	*
NUUANU RES 4 783		5.96						.04	.26	.16	.02		.06	.12	02	.34	.22	.16				.42	.26	1.54	.80	.02	.08	.72	.12		.06	.04	.50
NUUANU RESERVOIR #5	A	7.22	*	.01	*	*	*	*	*	*	52	*	*	*	*	*	*	1.46	*	*	*	*	*	*	2.30	*	*	*	*	*	*	2.20	.73
OPAEULA 870	A	3.91							*	*	.58	.02	.04	22	.05	*	.56	.45	.17	.10		.35	*	.25	.05	.12	*	.50	.30	*	*	.12	.03
PALI GOLF COURSE 788.1		1.92	.02	.01			.01	.01	.19	.10	.08			.09	.01		.05	.01	.06	.01		.13	.12	.08	.66	.03		.09	.09		.01		.06
PALOLO VALLEY 718	R	5.98						.08	50	.08	.02		.10	.06		.42	.04	.04	.02			.24	.20	1.78	.54		.12	.88	.20	.02	.06	.02	.46
PAUOA FLATS 784	R	13.18					.02	.08	.56	.30	.10	04	.32	.32	08	1.30	.08	28	.02		.22	.72	48	2.58	1.58	.06	.58	1.50	.50		.06	.10	1.30
PORTLOCK ROAD 724.4		.24	T						.11		T		.03		T		T				.05	03			T				T		T	.02
PRI WAHIAWA 820.2	A	2.47	*	.01					*	*	.44	04		.12		*	*	.53	.23	.01		.33	*	*	.17	.12	*	.28	.08	*	*	.10	.01
PUMOKOOWL CRATER 709	A	2.20							.23	.10	.15	.04	.03	.07		.01	.04	.36	.06		.02	.08	.05	.04	.09	.18	.10	.40	.07	.01	.03	.03	.01
ST STEPHENS SEM 788		1.88	T	.04	T		T	.02	.17	.05	.05	T	T	.05	T	T	.17	.01	.07	T		.20	.09	.11	.50	.11	T	.05	.08	T	T		.11
TANTALUS 2 780.5		7.83			*	*	*	*	.45	.38	.28	*	.07	.40	.01	.05	*	1.12	.10	*	04	*	93	.39	.84	.40	.13	1.12	.74	.23	.07		.08
UNIV OF HAWAII 713	A	1.31							*	*	.37			.06		*	*	.22	T			.09	*	*	.14	.10	*	.27	.06				
UPPER WAHIAWA 874.3		8.22							.07	.05	.14	.14	.04	.50	.03	T	.39	93	1.36	.25	.02	.61	T	43	10	.35	.43	1.17	.64	.32	.09		.16
WAHIAWA DAM 863	A	2.76	*	.25					*	*	.09	.05	.02	.04	T	*	*	.62	.37	T	.02	.36	*	*	.26	.04	*	.50	.05	*	*	.06	.03
WAIAHOLE 837	A	4.37	*	.04				.06	*	*	.38	.03		.29		*	*	.71		.02	.06	.28	*	*	1.43	.18		.29	.37	*	*	.23	*
WAIALAE KAHALA 715		.44							.10	.02	T	.01		.06			.01		.02			.05	.01	.05	.04	.04		.01	.02				
WAIALEE 896.3		2.02								.10	.15	.03		.14		.01	.12	.06		.04	.09	.40	.01	.24	01	.01	.01	.06	.30	.13	.09		.02
WAIALUA 847	A	.56									.05	T	T	.10	T			.09	T			.06		.18				.02	.06				
WAIAMAE 798.2	A	.54															.05			.05				.42	.01					.01			
WAIAWA 836	A	11.14	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	11.14
WAIKANE 885	A	5.81	*	.32	*	*	*	*	*	*	.30	*	*	*	*	*	*	.86	*	*	*	*	*	*	2.40	*	*	*	*	*	*	1.84	*
WAIKIKI 717.2		.35							.05	.01	T	T	T	.04			.01	.01	.02			.05	.02	.06	.04	T		.02	.02				
WAIMANALO EXP FARM		.32							.06		.07			.01								.07	.01	.04	.02			.02	.01		.01		
WAIMEA 802	A	3.64							*	*	27	.03	.02	.31	.02	*	*	1.00	.15	.10	.02	.41	*	*	.31	.10	*	.44	.20	*	*	.25	.01
WAIPAHU 750	A	.37							*	*	.07			.01		*	*	.01	.01			.11	*	*	.15	*	*	.01				*	
WILHELMINA RISE 721	R	2.02						.04	.22	.06	.02		.06	02		.16	.04	.04				.08	.12	.10	.34	.02	.10	.44	.02				.14

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1974

DAY OF MONTH

STATION		TOTAL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
ISLAND OF MOLOKAI																																	
KHLAUPAPA 563	A	1 78	07		13	.09	.02	.04			16	.11	23								.08	.27	.33				.04	.05		.04	.12		
KHANAKAI 536		29																							.29							
KEANEALE REMS 651	M	45																					.45										
KALAUPLE 514	A	82										10		06		*	*	16					*	*	.50							
MAPU THC 542		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAUNALOA 511	H	25					.02		*	*	.17					*	*	.02					*	*	.04								
MOLOKAI AP 524		74				.08	.04	T	.08	T	T			.13								T	.38	.02	.01								
PUUNAKEA RANCH 542 1		*	*	.20			*	*				10		.15	*	*	*	.10	.05				*	*	.06		*	.20	.40				*
WAIKOLU 540	A	4 85	*	.05	*	*	*	*	*	*	.35	*	*	*	*	*	*	1 76	*	*	*	*	*	*	1.40	*	*	*	*	*	*	1.20	*
* * *																																	
ISLAND OF LANAI																																	
KAMEPUU 590	A	60																				*	*	*	*	*	*	60					
KAUMALAPAU HARBOR 658	V	36																					*	*	36								
LANAI AIRPORT 656		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LANAI CITY 632	H	94				*	*	.01								*	.20	.20				.04	*	*	.45	.04							
LANAIHALE 684	H	1 00				*	*	*			.05	*	*	*	*	*	*	*	*	*	.10	*	*	*	*	*	*	.80	*	*	*	*	.05
MANELE 694	A	40																				*	*	*	*	*	*	.40					
MAUNALEA 676	A	40																				*	*	*	*	*	*	.40					
WAIAKEAKUA 685	A	44																*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.44
* * *																																	
ISLAND OF MAUI																																	
ALWAHI 252	A	1 80	*	*	*	*	1 80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MALEAKALA B E S 434	A	4 93							.04	.25	.19	.04	.06	.17		.05	.05	1.40	.05	.15	.05	.24	.31	.29	.01		.20	1.03	.28	.02				
MALEAKALA RANCH 432	A	2 60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	84	*	.07	*	*	*	*	.46	*	*	.23	*	*	*	*	1.00
MALEAKALA RS 338		3 39				.05	.10	.10	.02	T	.13	T	*	*	.01			.84	.05	.01	T	.11	1.31	.33	.12	T	T	.19	.02				
MALEKAKALA S PMIT 338 4	A	60						.06								*	*	.43				.11	*	*	*	*	*	*	*	*	*	*	*
MALIIMAILE 423	A	1 95				*	*	.25	.05	.05	.15	.01	*	*				.33		.05	.12	.02	*	*	.42		*	.22	.16	*	*	.04	.08
MAMAKIAPAO 485		3 03					T		.02	.26	.16	.14	.12	16	.02	.13		.37	.09	.16	.11	.23	.31	.33	.02	04	.04	.44	.41	.14	.13		
MANA 354	A	3 37			01			.02	.13	*	.24		.08	10			*	.57	.15	.04	.17	.10	.72	*	.38	.04	*	.23	.24	.02	*	.09	.04
MANA AIRPORT 355		4 29			T			01	.15	.07	08	.35	04	.04	.05	.06	.23	.56	.06	.10	.10	.05	.81	.09	.34	.15	*	.52	.21	.05		.15	.02
MANAKULI 281		4 85		T		04	01		.04	.14	10	.25	20	07	.03	.30	25	.30	10	.28	.12	.12	.67	*	.70	.05	*	.38	.44	.06	.04	.03	.04
MOLUA CABIN 259.5	A	7 00	4.60	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.40	*
MONOKOHAU 480	A	6 64	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	6.64
MONOKOHUA 493	A	1 46				*	*	12	.04		08					*	*	.38	.02			.16	*	*	.46	.02	*	.12	.04	*	*	.02	*
MONOPANO GULCH 341	A	15 20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15.20
PAANAPALI AP 453.1											T	T						.08	T			.08	.08	.08		.01	-	T					
KAHOMA INTAKE 374	A	9 75	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	9.75
KAHUCUI W50 198 AP	R	37				.02	.05	.02	T	.09	T	.04		T		*	*		.01	T	T	.05	.05	.03			T	T	.01				
KAILILI 436	A	27 00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	27.00
KAILUA 446		0.53				*	*	75	.21	11	.22	.04	*	*	*	*	*	1.19	.26	.31	.30	.92	*	*	3.50	.28	*	1.10	.60	*	*	.65	.08
KAUAULA INTAKE 375	H	2 51	*	.20	*	*	*	*	*	*	.18	*	*	*	*	*	*	.28	*	*	*	*	*	*	1.20	*	*	*	*	*	*	*	.65
KEAHUA 410		12						.05	.04	T		.03	T					.02		.01		.06	.04	.06	T			T	.01				
KEAMAE 346	A	44 12	*	26 22	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	17.90
KEALAKAPU BEACH 260.2		-	-																			T	.02	.10	T								
KIHEI 311		12																					T	.12									
KIPAHULU 258		4 92						.52	.15		30							.63	.10	.06	.07	17	.52	.60	.26	.48	.20	.58		.20			.08
KULA HEIGHTS 323.2		33																					.04	.28									
KULA SANATORIUM 267		27	01											T		.06	T	.01					.05	.10	.04			T					
LAHAINA 361		16																T							.16								
LAUMAIPOKO INTAKE 376	A	1 70	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.70
LAUMAIPOKO VILLAGE 372	A	21																					.10	.11									
LUPI UPPER 442	A	15 20	*	20 80	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.40
MAHINAHINA 466	A	2 23						07	.03	12	03							.95		.05		.40	.15	.08				.20	.12	.03			
MAKALELE FIELD 60 497	A	1 56			*	*	*	*	*	*	07	*	*	*	*	*	*	.41	*	*	*	*	*	*	75	*	*	*	*	*	*	.33	
OLINDA 332	A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OLOWALU 296		00																															
PAAKEA 350		*	*		08				.50	47	.48	.40	.03	35		.20	.71	.82	.29	.12	.31	.95	2.37	.77	.96	.41	.87	1.67	1.25	*	*	.82	*
PAIA 406		1 40				T	09	06	.04	.01	17	.05	.15	.01	.12	01	.04	.02	12	10	.17	.01	T	T	.05	.10	.05	.03				
PANIEIEHAU 259 2	A	12 50	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.50
POHAKEA BRIDGE 307.2	A	02																						.02									
POLIPOLI SPRINGS 267 2	A	91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.91
PUHOKAMOA 2 343	A	39 40	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	39.40
PUUNENE 396		15								.01				.02									.04	.08	T				T				
SPRECKELSVILLE 400.2		57								02	03	01	01	.11		.08		.01		.04		.04	.04	.08	.01				.03				
TWIN GATES 261 1	A	00																															
KULELE 333	A	1 62	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.34	*	*	*	*	*	*	1 28	*	*	*	*	*	*	*	*
UKUMEHAME 301	A	00																															
ULUPALAKUA RANCH 250	V	44	*	09								04											*	*	27	.04							
WAHIAWA 164	A	26																.06					.10	.10									
WAIEHU CAMP 484	H	42								04	05	06		05				.07				.01	.02	.12									
WAIHEE VALLEY 482	A	1 06								.19		.09	02	.08				.31				.12		.25									
WAIKAMOI 449	A	40 40	26 00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.40
WAIKAMOI DAM 336	A	14.86	*	*	*	.01	*	*	*	*	*	1 79	36	*	98	*	*	3.50	*	.81	*	*	*	*	*	3.40	*	*	*	*	*	*	4.00
WAIKAPU 390	A	13								.02														.11									
WAILUKU 386	A	22							*	*	07	.02		.01	.01	*	*	.01	T			T	*	*	.10								
WAIOKAI RANCH 256	A	1 64														*	*	.38	*	*	*	.38	*	*	.21	*	*	*	.67				*
* * *																																	
ISLAND OF HAWAII																																	
AHUA UMI 75	A	1.00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.00
AWINI 182 1	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
CITY OF REFUGE 27 4		90								.03							.08	T	T				.10	.65	.03	.01							
EAST HONOKANE 183 2	A	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HAIMA 214		9 06			01				.03	09	25				07	.08		1.07	.06				3.42	2.13	.12	.01	.01	1.21	.35	.12	.03		
HAKALAU 142		18 79							.04	.59	18	.07	.10	.07	.39	33	.32	2.09	25	.06	.55	.61	5.65	2.33	1.56	.64	.19	1.22	.69	.18	.59	.01	.07
HALEPAUMAU 52	A	9 06	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.83	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HALEPIULA 117	A	6 63	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	8.23
HALEPOHAKU 111	A	6 58							.03								.05	.02				.42	1.93	2.10	.40	*	*	1.60	.03			6.83
HAWAII VOLCNS NP HQ 54		21.30	T	T	T	T	T	T	37	T	35	.30	.04	.08	.56	.42	.52	2.30	.97	.10	.20	.04	4.36	2.91	1.68	.62	.79	2.80	.86	.52	.25	.03	.14
HAWI 160	A	5.44	*	03					*	*	.53	.07	.07	02	.08	*	*	.30	.02	.05	.07	.09	*	*	3.00	.09	*	.85	.09	*	*	.08	*
HILO COUNTRY CLUB 86 6		38 06	T						.17	T	.83	31	.05	.12	1.02	.22	.83	4.60	.75	.10	.71	.35	8.12	3.83	4.24	1.72	1.75	5.33	1.59	.71	.54	.02	.15
HILO 450 87 AP	R	19.26	T	T				01	02	20	.27	12	.10	12	.46	.31	2.03	1.04	.18	.35	.68	4.46	.96	3.96	.48	.45	.90	.44	1.01	.18	.26	.04	.17
HOLUALOA 70	A	91	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HOLUALOA BEACH 68	A	52	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.52	*	*	*	*	*
HONAUNAU 27		1 55	*	1 37															1.04								*	1.14					
HONOHINA 137		20 42							13	32	55	.22	.12	10	.37	.70	.30	1.52	.25	.15	.60	.22	6.14	3.10	1.63	.68	.22	1.38	.54	.37	.63	.01	.17
HONOKANE 181 1	A	14 90	*	*	*	14 90	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
HONOPU MAURA 138		32 33							.04	.33	.24	38	18	.22	.56	.74	.44	3.91	.54	.23	.74	.47	7.20	4.55	3.15	1.19	.56	3.57	1.12	1.13	.46	.01	.37
HONUAULA 71	A	85	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.85	*
HUALALAI 72	A	72	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MIHONE 92 1	A	99	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	.79	*
PAALA IKI 12	A	10 60				*	*	09	09									*	*	*	*	*	*	*	.55	*	*	.41	*	*	*	.03	
PAAMALOA 29	A	2 04	*	*	10													*	*	.53	*	.14	2.02	3.70	2.46	.14	.01	1.80	.15				
PAPAALIU 73 2		1 11	*	.12									.01			*	*	.07	.02				*	*	1.36	*		*	*	*	.05	
																								*	.78	.05		.02	*	*	.03	.01	

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

HAWAII AND PACIFIC
DECEMBER 1974

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
KALAPANA M8 1 67.8		16.15						.28	.83	.02	.23	.05	.15	T	.92	.24	.44	.63	.23	.02	.41	.10	2.95	3.73	1.73	.60	.07	1.47	.24	.23	.26	T	.15
KAMAOA M8 2 5	A	9.30	.46	#	#	#	#	#	#	.36	#	#	#	#	#	#	.07	#	#	#	#	#	#	5.20	#	#	#	#	#	#	3.21	#	#
KAMUELA 192.2		1.24								.05								.03					.43	.48	.12	.05				.08			
KAPAPALA RANCH 36	A	9.94	.55	#	#	#	#	#	#	.79	#	#	#	#	#	#	#	#	#	#	#	#	#	6.50	#	#	#	#	#	#	2.10	#	#
KAPOHO LANDING 93.5	A	12.61	#	#	#	#	#	1.11	#	#	#	#	#	#	2.00	#	#	#	#	#	#	2.59	#	#	#	#	#	#	6.91	#	#	#
KAWAIHUI LOWER 183	A	8.46	#	#	#	#	#	.26	#	#	#	#	#	#	.96	#	#	#	#	#	#	1.10	#	#	#	#	#	#	6.14	#	#	#
KEAAU 92		22.03	.01						.02	.50	.35	.26	.11	.22	.45	.20	.38	2.46	.42	.23	.76	.53	4.31	3.07	2.84	.51	.55	1.16	.79	.78	.69	.06	.37
KEHENA 181.2	A	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#
KIOLAKAA A & F 6	A	13.00	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	13.00	#
KIPA 89.2	A	36.56							.22	.23	.61	.29	.12	.17	.53	.75	.42	4.82	1.27	.20	.44	.35	6.40	5.30	4.80	1.03	.83	4.57	1.68	.88	.51	.02	.11
KOHALA MAULILI 176	A	7.23	#		.03						.55	.01	.35	.01	.05	#	#	.50	.22	.01	.03	.02	#	#	4.13	.07	#	1.03	.17	#	#	.05	#
KOHALA MISSION 175.1		6.50			T				.05	.30	.22	.02	.13	T	.02	.05	.10	.21	.08		.02	.10	1.88	1.26	.58	.06	.02	1.10	.21	.02	.06	T	.01
KOIAWE LOWER 196	A	6.61	#	#	#	#	#	.14	#	#	#	#	#	#	.97	#	#	#	#	#	#	.68	#	#	#	#	#	#	4.82	#	#	#	#
KONA (KAILUA) 68.3	A	.36	#	.01																			#	#	.35								
KONA VILLAGE 93.8		.24																					.22	02									
KUKAIAU 222		17.26							.02	.11	.41	.04	.12	.11	.27	.06	.30	1.83	.43	.01	.03		6.96	2.51	.19	T	.07	2.60	.87	.14	.08	T	
KUKUIHAELE HIC 199		5.25								.18	.20				.10	.10	.04	.42	.02				2.15	1.20	.10	.01		.50	.23				
KUKUIHAELE MILL 206	A	5.39			.05				#	#	.35			.02	.08	#	#	.45	.04				#	#	3.65			.51	.22	#	#	.02	
KULANI CAMP 79		25.14							.62	.15	.21	.15	.07	.07	.33	.95	.38	2.00	1.50	.13	.16	.02	5.80	2.60	2.50	.42	1.06	4.00	.90	.49	.40	.03	.20
KULANI MAUKA 76	A	8.80						.35	.15						.20		.40	.40				2.00	1.10	2.20	.10	.10	1.25	.55					
KULANI SCHOOL SITE 78	A	22.56	#	#	#	#	#	#	.70	#	#	#	#	#	#	1.83	#	#	#	#	#	#	9.00	#	#	#	#	#	#	11.03	#	#	#
LANIHAU 68.2		1.32											.05						.11						.56	.10	.14	.10	.10	06		.10	
MAKAHALAU 103		1.50			20																		.60						70			
MAUKA 2	A	2.80	#	.40		10			#	#	10												#	#	1.55	T	#	.50	.15				
MAUNA KEA 085 111.2		.14																				01	.03	05	T	#	#	.05				
MAUNA LOA SLOPE 085		5.46					04										06	.02					77	2.08	1.90			.47	11				
MIDDLE WAIUALOA 68.1	A	.78	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	.78	#	#	#	#
MIDDLE PEN 147.1	A	1.25	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	1.25
MOAULA 18	A	14.10	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	14.10
MOUNTAIN VIEW 91		30.73	.01						.04	.89	.61	.36	.30	.48	.87	.37	.81	5.03	.66	.20	.77	.16	5.07	3.61	3.34	1.02	.84	2.01	.75	1.04	.92	.08	.39
MAALEHU 14	A	11.10			T				.05								.04	03					2.07	4.00	2.49	.42	.01	1.44	.55				
MAPOPOO 28	A	1.27	#	.35								#	#	#	#	#	#	03	#	#	#	#	#	#	.81	#	#	#	#	#	#	.08	#
MIULII 179	A	6.56	#	.03					#	#	.37	.06	.07			#	#	.63	.11			.07	#	#	4.00	.04	#	1.00	.12	#	#	.06	#
OOKALA 223		10.28							.02	.29	.54	.12	.11	.06	.18	.38	.12	2.75	.45	.11	.10	.03	6.08	2.27	.54	.03	.42	2.25	1.04	.10	.29	T	T
OPIHIHALE 2 24.1		1.68			T	T		04 T	T		T		T			.07	T	.33	T			.01	1.07	.07	T	.01	.05	T		T		.03	T
ORCHID LAND EST 91.5	A	20.57	#	#	#	#	#	.27	#	#	#	#	#	#	3.00	#	#	#	#	#	#	4.90	#	#	#	#	#	#	#	12.40	#	#	#
PAAUHAU 217		8.58			.02				#	#	30				.03	#	#	1.07	.07				#	#	5.52		.01	.80	.69				.07
PAAULIO 221		12.66							.01	11	22	.01	.05	.05	.20	.02	.24	1.18	.21	T	T		6.14	1.27	.14	T	.02	1.08	.67	.10	.03		
PAHALA 21	A	7.53			T	T	T	T	.12									.04	.04				1.52	2.50	2.24	.01	.05	.99	.02				
PAHOA 65		20.98	.02					.06	.06	1.42	.98	.40	.28	.22	.66	.13	.29	1.80	.35	.32	.34	.12	3.94	2.81	2.59	.36	.35	.74	.76	.83	.73	.06	.36
PAKAO 37	A	1.40	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	1.40
PAPAIKOU 144.1		22.80			.01				.17	.46	.48	.12	.10	.13	.28	.24	.20	1.83	.66	.13	.58	1.04	4.60	4.01	2.10	1.05	1.34	1.46	.74	.57	.35		.15
PAPAIKOU MAUKA 140.1		34.42	.01						.04	.30	.40	.26	.14	.31	.48	.56	.30	4.42	1.22	.12	.42	.31	6.00	6.00	3.98	1.07	1.58	3.56	1.60	.90	.38	.01	.07
PIIHONUA 89	A	38.60	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	38.60	#
POWAKULOA 107	A	1.30																					.45	.52	.04				.29				
PUAKO 95.1	A	.32														07							.04	.21	T			T			T	
PUU KIWE 120	A	9.74	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	4	9.74
PUU LAAU 102.1	A	.97	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	.97
PUU LEHUA 73	A	.55	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	.55
PUU MALI 113	A	2.63	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	#	2.63
PUU OO 82	A	-	10.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUU WAWAAA 94.1	A	.59																				.11	#	#	.44				.04				
SADDLE ROAD 1 84	A	36.66	#	#	#	#	#	#	#	#	#	#	#	1.56	#	#	#	#	#	#	11.10	#	#	#	#	#	24.00	#		#	#	#	#
SOUTH POINT CORRAL 3	A	7.19	.11	#	#	#	#	#	#	.03	#	#	#	#	#	#	.17	#	#	#	#	#	#	#	10	#	#	#	#	#	2.68	#	#
UMIKOA 118		V10.88	#	.02				.01	#	#	.15				#	#	#	1.96	.06			6.14		1.23	.23		#	.83	.21	#	#	.04	
UPOLU POINT USCG 159.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WAIAKEA SCD 88.2		32.63	.12						.78	.15	.40	.23	.21	.12	.41	.24	.12	5.30	.55	.36	.66	.50	6.21	3.61	3.92	1.70	.88	3.53	.83	1.01	.48	.03	.08

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY PRECIPITATION

STATION		TOTAL	DAY OF MONTH																													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PACIFIC																																
* * * EAST OF 180TH MERIDIAN																																
CANTON ISLAND		.48		T		.02	.03											T					.01	.01	.13		.17			.11		T
FAGA ALU RESERVOIR		23.54			.05	.02	.02	.35	.15	.30	.60	.30	.40	2.36	.50	.10	.15	09	14.70	.60		1.40	.50						.50		.10	.20	.15
JOHNSTON WSO AP	R	1.49	.01		T			.05	.15		.06	.04	.07	T	.11	.12	.02	.15	.02	.17	.10	.13	T	T	.17		T	.02	.04	.05		T	.01
LEGNE		19.72		.05				1.00	1.05	.50		.13	1.00	2.15	.40		.15	.21	1.78	2.00	2.20	1.05	.45		.20	.60				2.20	.60	.40	1.60
FRENCH FRIGATE SHOALS		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LUMA VILLAGE		17.23	.75	.29	1.05	.29	.01			.01	1.20	*	.64	.65	.40	2.19	.61	.62	.67	2.75	1.08	.93	1.35	1.30	.01		T		.04	.28	.13	.02	T
MIDWAY SAND ISLAND			1.69	.18			.01			T	.83			.05	.19			.03	.03	T	T		T	.23		T		.05	T	.66	.09	-	.04
PAGO PAGO WSO AP	R	9.16	.01	.06	.02		.02	.01	.03		.36	1.56	2.15	.36	.03	.02	.14	.11	.30	.59	1.43	.80	.12	T	T	.02			.26	.25	.03	.07	.03
SWAINS ISLAND		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
* * * WESTERN PACIFIC ISL. NORTH OF 12 N																																
ANDERSEN AFB GUAM		4.83	.17	.27	.12		1.02	.01	.05	.17	T	.15	.11	.89	.04	T	.07	T	.12	T	.01	.05		.05	T	.01	1.04	.16	.05	T	.01	.08	.18
CLARK AFB LUZON		2.75							.03	.21	.01	.16					.33	1.28	T	.01	T	.23	.41	T	.02		.06		T				
GUAM NAS		5.46	.18	.03	.04		1.80	.07	.25	.08	T	.06	.09	.85	.05	.01	.27	T	.14	.01	.02	.02		T	.07	.01	.95	.13	.02	.02	.01	.13	.15
GUAM WSO	R	6.20	.16	.20	.07		.74	.12	.71	.18		.23	.16	.45	.02	.09	.42	.14	.14	.04		.07		.09	.09	.14	.98	.18	.12	.01	T	.12	.33
MANGILAO		6.03	.05	.08	.02	.03		1.76	.21	.23	.05	.12	.06	.41	.34	.03	.13	.04	.03	.14	.02		.02	.04	.15	.05	.09	1.08	.13	.41	.07	T	.24
ROTA		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SAIPAN WSCO AIRAN		2.76			.02		.22	.21				.01	.15	.02			.08	.31	.23	.14	.06		.35	.13	.08	.02	.08	.24	.08		.01	.23	.09
WAKE WSO AP	R	1.73	.02	.05	.17			.33	.01	.03	T			.04		T		.10		T	.35	.02				.30	.01	.01	T	.14	.08	.03	.04
* * * MARIANAS AND MARSHALL ISLANDS																																
ANGUAR		15.00		.27	.11	.56	.92				2.15	1.31	.22	.42	.88			.08	.08		.11	.03		.36	2.22					.04	3.62	1.62	
ENIWETOK		1.87	.01	.73	.02	.01	.02	.12	.03	.09		.10		.01			.01			.08	.08	.02					.03	.02	.02	.11	.01	.11	.03
FALALOP I. ULITHI		7.11	.18	.03			.15	.42	.55	.02	.30		.08	.25	.15	*	.35		.10	*	.28	.12	.15	.32	*	*	.15		.07	2.67	.12		.65
KAPINGAMARANGI ATOLL		12.18	1.55	.34	.47	.58					.33			.10		2.20	.37	.65	1.64		1.64			.23	.11	.90					.12	.95	
KOROR WSO	R	18.54	.14	1.77	.06	.14	2.31	.01	.04	.05	.07	.18		.67	1.53	.03	.03		.52	.02	.36	.08	.24	.15	1.36	.52	.01	.09	.70	.07	3.69	3.61	.09
KWAJALEIN WSO AP	R	8.50	.41	.02	.16		.02	.02	1.22	1.28	.23		2.59	T	.02			.34		T		1.89	T	.08	T		T	.02	T	.14	.01	.01	.04
LAE I. KWAJ		10.68	1.73	.79		.02	.19	.80	.59	1.99	.02	3.02	1.73				.99	.04	.16	6.12	1.55	1.86	.11	1.13	1.40	.60	2.11	1.25	1.98	.45		.05		
MAJURO WSO AP	R	14.99	1.39	1.04	.10	.04	T	.07	.37	.84	1.07	.09	.07	.97	.05	.11	T	.11	1.46	1.55	1.37	2.33							T	.03	.23	.05	.45	.70
METALANIM		15.99	.10	.16	.02	.56	1.60	.21	.30	.12	.42	1.32	4.15	.19	.52	1.58	1.53	.24	.48	.03	.22	.10	.12	.34	.16	.55	.20	.03	.68			.06	
MOKIL ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NGASANG-BABELTHUAP		11.82	.78	.64	1.42		1.33	.57				.37	.15	.22	1.06	1.59	.07	1.62	.08	.34	.33	.06	.05	.10	.39	.49	.01	.08	.06		.01		
PONAPE WSO	R	12.32	.01	.18	T	.16	.52	.46	.15	.46	1.86	1.87	.65	.37	.58	.44	.86	.14	.36	.16	.59	.03	.27	.07	.52	.33	.03	.55	.11	.02	.02	.01	.54
SATAWAN ATOLL		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRUK, MOEN I. WSO AP	R	8.84		T		.02	.07	.35	.71	2.53	.16	.87	.96	.02	.50	.15	.06	.38	.32	.13	.17		.02	.02	.02	.13	.10	.02	.74	.32	.07		T
WOLEAI ATOLL		9.59	.45	.19	.12		.14	.11	.71	.02		2.43	.21		.12	.25	.03		.47	2.22	.24	.06		.59	.25		T		.14	.56	.04	.24	
YAP WSO AP	R	1.30	.15			T	1.07	.45	.12	.42	.01	.10	.77	1.61	1.08	.44	.32	T	1.08	1.82	.01	.20	.03	.04	.47	.27	T	.31	.86	.30	.78	.01	.57

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																															
ISLAND OF KAUAI																															
KANALOHULUHULU 1075	MAX	68	66	68	69	67	70	68	66	65	68	66	65	67	66	64	64	66	65	66	63	64	61	69	69	68	63	65	65	68	66	65	66.1
	MIN	46	44	43	42	39	39	43	50	55	54	53	53	55	52	53	54	54	54	53	53	55	56	56	52	53	53	54	53	52	41	42	50.2
KILAUEA POINT 1133	MAX																																
	MIN																																
LIHUE WSO 1020.1 AP	MAX	80	80	80	80	81	81	81	81	80	80	80	81	81	81	80	80	81	80	80	79	78	80	81	81	80	76	78	80	80	80	80	80.0
	MIN	66	68	67	67	66	65	75	74	72	75	74	72	75	73	73	75	75	75	72	69	72	73	74	75	72	72	73	74	72	67	71	71.7
MAKAHUENA POINT 940.1	MAX																																
	MIN																																
MANA 1026	MAX	83	86	84	85	83	83	85	86	85	85	84	85	85	84	85	86	87	85	85	83	84	83	83	84	84	84	85	84	82	83	84	84.3
	MIN	65	64	65	65	65	64	64	65	65	63	64	64	62	65	62	61	62	61	63	64	63	62	66	64	63	62	62	63	61	66	62	63.5
NIU RIDGE 1035	MAX	79	76	78	79	78	79	78	79	80	80	81	80	80	82	81	79	80	81	80	79	80	80	80	79	80	78	78	77	78	76	79	79.2
	MIN	61	60	61	60	60	59	59	58	59	58	59	58	63	62	63	62	60	63	60	60	63	59	60	59	60	58	57	60	59	61	62	60.1
WAIAHI LOWER 1054	MAX	78	80	80	81	80	81	80	78	77	79	79	78	79	79	78	78	79	78	77	76	77	78	78	77	77	76	73	76	77	77	77	78.0
	MIN	58	58	58	58	57	57	60	67	67	64	64	64	63	64	65	66	66	66	66	63	65	65	66	67	65	66	63	62	52	58	59	62.9
ISLAND OF OAHU																															
CHURCH COLLEGE LAIE	MAX	83	82	82	82	82	82	82	80	83	82	82	81	80	81	80	79	80	79	79	81	80	80	82	81	80	80	78	80	79	80	80	80.7
	MIN	73	64	62	62	66	64	74	72	72	70	73	70	71	70	70	72	71	74	70	66	70	71	71	71	70	69	70	69	70	68	72	69.5
EWA PLANTATION 741	MAX		84	84	83	84	83			85	82	82	82	80			83	81	81	82	82			82	82		83	81			82	
	MIN		61	61	61	62	61			69	66	68	67	72			72	69	69	69	63			67	65		68	68			61	
HONOLULU WSO 703 AP	MAX	84	85	82	82	82	85	83	84	84	84	84	84	84	83	84	83	84	83	83	84	79	85	83	85	82	81	83	83	83	83	82	83.2
	MIN	64	62	62	61	63	64	72	71	72	69	69	70	73	70	70	71	71	72	69	65	70	71	71	70	72	69	70	69	67	59	68	68.3
HONOLULU SUBSTA 704	MAX	79	82	81	80	81	82	80	80	80	80	79	78	80	78	79	78	77	76	76	79	77	80	79	79	77	77						79.0
	MIN	71	70	69	68	69	69	69	69	69	70	67	68	70							70	71	72	72	72	70	69	70					
KANEOHE MAUKA 781	MAX	81	81	80	81	81	81	83	79	80	81	80	80	80	80	79	78	76	78	78	78	79	76	78	77	79	78	77	77	78	78	78	79.0
	MIN	69	67	66	65	67	67	68	73	73	72	72	72	71	70	71	73	72	73	71	67	68	70	71	72	72	71	70	71	72	64	65	69.8
LUALUALEI 804	MAX	80	84	84	83	84	84	82	82	83	84	82	82	81	82	80	82	84	80	81	82	76	79	82	79	79	79	80	78	80	80	80	81.2
	MIN	58	60	60	60	60	59	70	69	70	74	71	72	72	68	72	72	74	72	71	68	70	70	70	70	70	70	70	70	67	57	58	67.5
MAKAPUU POINT 724	MAX																																
	MIN																																
OPAEULA 870	MAX	80	77	82	82	84	84	79	77	79	76	77	76	75	77	75	77	72	74	70	75	73	74	74	76	74	75	72	75	75	75	76	76.4
	MIN	61	61	67	60	62	58	60	69	68	67	67	68	68	65	66	66	67	68	66	65	63	65	67	67	66	66	66	64	66	64	65	65.1
PRI WAHIAWA 820.2	MAX		82	84	82	83	83			82	80	80	80	78			80	78	78	78	80			79	82		80	75			78	78	
	MIN		58	57	57	57	57			60	66	66	66	62			65	66	67	62	62			63	55		65	65			65	65	
WAIALEE 896.3	MAX	81	80	80	81	81	81	81	81	80	80	80	80	79	80	73	80	79	79	79	78	79	76	77	79	80	79	75	78	78	78	79	79.1
	MIN	65	65	65	65	65	65	65	70	70	71	70	70	71	70	69	69	70	69	70	67	69	69	71	70	70	69	61	69	68	67	65	68.0
WAIALUA 847	MAX	84	84	85	82	82	82	83	83	82	82	81	82	80	82	82	82	79	80	80	80	78	79	81	80	78	82	76	79	80	80	82	81.0
	MIN	61	60	59	60	60	62	64	65	66	63	63	65	68	64	68	70	70	69	64	64	65	65	64	67	67	68	63	62	62	57	59	64.0
WAIKIKI 717.2	MAX	83	83	84	84	84	83	83	83	83	83	83	83	82	82	83	83	86	86	82	83	82	78	82	82	83	82	83	81	82	83	82	82.8
	MIN	61	61	60	60	61	61	63	69	70	68	70	68	71	71	68	70	69	70	68	64	67	69	68	69	70	68	68	67	68	67	68	66.8
WAIMANALO EXP FARM	MAX	82	81	81	82	81	82	83	78	79	79	80	79	80	80	81	80	80	80	80	80	81	80	80	80	80	79	79	80	81	81	80	80.3
	MIN	67	64	64	63	63	64	66	69	69	71	72	71	72	72	71	71	72	72	72	68	71	72	72	72	72	70	69	72	72	64	67	69.2
ISLAND OF MOLOKAI																															
MOLOKAI AP 524	MAX	82	80	79	79	81	80	81	81	81	81	79	79	81	79	80	80	81	80	81	82	82	81	80	80	80	81	80	81	81	80	78	80.4
	MIN	62	64	62	62	64	63	65	71	71	70	55	54	72	67	67	66	66	71	69	62	70	64	70	68	67	68	68	67	68	59	67	65.8
ISLAND OF LANAI																															
LANAI AIRPORT 656	MAX																																
	MIN																																
LANAI CITY 672	MAX		69	69	69	69	69			69	69	69	69	69			69	69	69	69	69			69	69		69	69			69	69	
	MIN		58	58	58	58	58			57	58	57	58	57			58	58	58	58	58			58	58		58	58			58	58	
ISLAND OF MAUI																															
HALEAKALA RS 338	MAX	63	67	64	65	64	64	62	58	59	61	65	64	58	64	61	59	58	56	57	57	54	53	56	62	58	57	60	59	65	65	65	60.6
	MIN	43	43	42	42	42	43	43	43	44	44	45	45	45	46	44	42	44	42	36	40	43	46	45	40	40	46	41	44	44	49	46	43.3
HALEAKALA SUMMIT 338.4	MAX		59	56	58	56	55			54	52	53	51	46			51	50	43	45	43												
	MIN		34	44	42	40	39			34	33	37	34	34			32	30	32	33	33												
HANA AIRPORT 355	MAX	80	80	80	81	80	81	82	80	80	80	80	80	80	79	79	80	77	79	78	79	78	79	77	79		79	76	77	78	78	78	79.1
	MIN	63	65	67	67	68	67	69	68	70	68	71	70	71	67	69	69	69	68	69	69	66	70	69	71		68	68	65	70	67	68	68.2
KAANAPALI AP 453.1	MAX	81	81	80	80	81	80	81	81	81	81	81	80	82	81	81	81	79	80	79	80	80	78	79	80		80	79	81	80	81	79	80.3
	MIN	68	64	64	64	62	63	70	72	71	71	67	69	70	68	69	68	70	70	70	66	66	67	66	65		69	68	68	65	61	68	67.3
KAHULUI WSO 398 AP	MAX	82	81	83	83	85	83	83	84	84	83	83	82	84	84	83	82	82	83	84	83	76	79	83	82	80	79	78	80	83	81	80	82.0
	MIN	60	60	60	60	61	63	72	72	73	72	71	71	71	67	72	72	72	72	62	65	72	69	66	63	71	70	69	67	62	58	68	67.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
[illegible]																																	
[illegible] 446	MAX		79	78	79	78	79			80	76	75	75	70			75	73	75	75	75			73	73		75	68			73	74	
	MIN		64	63	64	64	62			63	66	66	66	66			65	65	65	64	65			63	66		65	64			63	65	
[illegible] BEACH 2[illegible]	MAX	84				81	84	86	89	88	87	87	84	85	87	84	86	85	85	84	81	83	78	78	84	83	85	85	85	85	83	82	84.2
	MIN	62				61	61	64	61	64	63	63	63	62	60	63	62	60	62	59	62	67	66	63	62	60	63	61	59	59	62	59	61.9
[illegible] SANATORIUM 257	MAX	71	72	72	73	70	70	75	75	74	73	72	73	72	72	70	70	72	73	74	77	70	77	70	70	72	72	72	71	73	71	72	72.3
	MIN	55	56	54	55	56	56	56	55	56	56	52	54	52	56	55	56	53	52	52	52	53	59	57	57	54	55	53	51	52	52	53	54.3
[illegible] 35[illegible]	MAX	84	84	83	83	84	88	88	87	86	85	85	87	86	85	85	84	87	85	83	85	80	83	83	85	85	84	84	83	83	82	83	84.5
	MIN	65	65	64	65	65	65	67	66	67	67	66	67	67	66	67	69	68	72	66	67	68	68	67	66	66	69	65	64	64	63	64	66.3
WAILUKU 386	MAX		81	79	81	81	81			81	80	80	80	80			80	79	79	79	81			79	79		80	79			81	81	
	MIN		64	64	66	66	64			65	69	70	69	69			68	69	69	66	68			66	69		69	67			59	60	
• • •																																	
ISLAND OF HAWAII																																	
HAINA 214	MAX	79	80	79	80	80	79	80	79	79	78	78	79	76	77	77	75	75	77	77	78	75	75	73	79	77	74	73	76	75	75	75	77.1
	MIN	65	65	65	66	64	63	66	69	67	68	68	67	67	67	64	65	64	66	64	64	66	67	67	68	67	66	65	66	65	62	61	65.6
HAWAII VOLCNS NP HQ 54	MAX	66	68	70	72	71	71	68	66	66	66	68	65	63	61	67	61	58	62	65	65	63	60	61	69	62	61	60	60	62	64	64	64.7
	MIN	5[illegible]	44	47	50	51	48	55	53	53	51	52	52	54	51	52	53	50	51	51	51	53	54	56	55	51	54	52	50	50	47	50	51.3
HILO WSO 87 AP	MAX	81	81	83	83	84	82	83	80	81	80	81	79	80	80	75	78	80	81	79	73	79	75	81	81	75	80	76	75	79	80	82	79.6
	MIN	61	62	64	64	63	65	66	65	68	64	65	66	66	65	67	66	65	64	64	65	68	66	68	67	65	68	67	62	62	63	64	65.0
KAINALIU 73.2	MAX	78	7[illegible]	79	78	74	78	79	78	79	78	79	79	78	79	80	80	77	77	77	77	77	73	72	76	77	76	78	77	73	75	77	77.2
	MIN	60	56	59	61	63	60	63	62	60	60	60	60	60	62	63	60	61	60	58	58	63	62	61	64	60	61	62	63	59	60	58	60.7
KAMUELA [illegible]	MAX	72	72	75	77	76	76	74	76	70	70	70	72	72	74	73	70	69	70	73	73	67	70	67	70	70	69	70	70	70	68	73	71.5
	MIN	54	49	48	51	57	54	52	52	58	60	58	60	58	58	56	56	57	55	56	52	55	57	58	57	57	58	59	57	56	45	48	55.1
KEAU 42	MAX	80	80	80	81	82	80	80	80	78	79	78	79	78	77	79	73	77	78	79	77	72	76	72	78	77	72	77	74	74	77	77	77.5
	MIN	60	60	61	63	62	62	65	64	64	64	63	64	64	63	63	64	62	63	63	64	65	66	66	66	63	65	64	61	63	61	62	63.2
KOHALA MISSION 175.1	MAX	77	78	79	79	79	78	80	77	76	76	76	77	75	76	76	74	75	75	76	75	72	72	70	77	75	73	72	74	74	74	76	75.6
	MIN	62	54	62	62	63	63	64	66	67	66	68	67	67	66	66	66	65	67	65	65	64	67	66	67	67	66	65	66	65	60	61	65.0
KONA (KAILUA) 68.3	MAX		85	83	84	83	83			85	83	84	84	83			84	82	82	82	82			82	81		83	82			82		
	MIN		66	68	68	69	67			67	70	68	66	68			69	69	67	66	64			67	70		67	69			66		
KULANI CAMP 79	MAX	62	65	66	68	68	62	65	65	60	62	60	60	58	60	62	58	67	59	59	59	58	60	59	61	55	58	57	56	66	58	60	61.1
	MIN	41	40	41	41	43	43	47	47	47	45	43	45	49	44	48	49	47	46	46	43	46	49	49	49	45	51	49	42	43	35	42	45.0
[illegible] OBS	MAX	54	59	54	50	51	47	46	49	53	54	51	47	50	48	47	47	45	42	49	43	37	41	47	48	40	42	45	47		46	47	47.5
	MIN	38	39	36	33	33	32	32	33	34	37	34	32	33	35	32	32	30	30	29	26	34	36	35	32	30	34	31				32	33.0
MOUNTAIN VIEW 91	MAX	80	80	77	78	79	80	76	76	76	75	74	74	71	72	72	72	67	72	73	71	71	71	71	76	76	76	69	73	73	73	75	74.2
	MIN	55	56	55	58	56	57	60	60	60	59	59	60	61	59	59	59	59	58	59	59	61	61	61	62	59	59	60	55	55	55	56	58.4
[illegible] 14	MAX		80	79	79	78	78			80	80	82	79	78			79	77	78	78	78			74	76	75	77	73			75	77	77.8
	MIN		63	64	64	64	65			66	68	65	64	68			66	66	68	67	66			65	66	68	65	66			65	63	65.5
[illegible] 223	MAX	79	79	80	79	79	78	79	79	79	79	78	79	76	76	77	73	72	78	79	78	73	74	78	78	78	71	72	75	76	77	76	76.9
	MIN	65	65	66	65	65	66	66	71	66	67	66	66	67	65	66	65	65	64	65	64	65	66	67	66	66	65	65	67	64	66	67	65.8
[illegible] 24.1	MAX	78	80	80	75	77	80	80	78	81	80	80	80	81	81	77	80	77	77	79	77	73	71	77	78	75	78	78	71	78	79	77	77.8
	MIN	6[illegible]	57	58	59	58	59	60	59	59	57	59	59	60	61	58	60	59	57	55	55	62	61	63	57	58	58	59	55	59	56	55	58.5
PAHALA 21	MAX	79	79	79	79	79	79			83	82	81	82	84			80	79	80	80	79	76	74	74	77	75	81	75	77	78	74	75	78.5
	MIN	58	59	59	60	59	58			61	63	60	62	65			61	63	63	64	59	60	65	64	62	62	63	60	59	60	59	57	61.0
[illegible] 46.1	MAX	84	83	80	82	81	79	82	86	85	83	82	83	83	82	82	82	83	83	82	79	80	77	75	80	81	81	81	82	81	80	79	81.4
	MIN	65	65	65	65	65	64	67	71	69	65	67	67	68	65	66	69	65	63	64	63	68	66	67	67	67	67	71	70	65	62	61	66.1
[illegible] POINT [illegible] 1[illegible].2	MAX																																
	MIN																																

SEE REFERENCE NOTES FOLLOWING STATION INDEX

DAILY TEMPERATURES

STATION		DAY OF MONTH																													AVERAGE
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC																															
▪ ▪ ▪																															
EAST OF 180TH MERIDIAN																															
CANTON ISLAND	MAX	88	92	93	91	93	90	93	94	93	92	92	89	90	90	89	89	91	89	92	92	92	86	89	88	89	93	91	92	91	93	91	90.9
	MIN	73	75	75	76	73	75	75	74	75	74	74	74	74	75	75	75	75	75	74	73	73	75	76	74	75	73	74	72	73	72	75	74.2
JOHNSTON WSO AP	MAX	83	83	82	82	83	82	81	82	81	82	81	81	81	81	81	81	81	81	80	80	81	81	81	82	82	81	81	81	81	82	82	81.4
	MIN	77	77	77	75	76	74	72	78	73	75	72	77	72	73	72	71	75	72	73	73	75	75	71	76	74	73	73	75	75	74	75	74.2
LEONE	MAX																																
	MIN																																
FRENCH FRIGATE SHOALS	MAX																																
	MIN																																
MIDWAY SAND ISLAND	MAX	76	70	74	77	79	78	80	80	73	76	76	79	76	71	78	80	80	75	73	77	79	77	74	72	67	75	76	68	73		76	75.5
	MIN	64	64	63	64	68	65	73	72	67	64	60	72	68	65	69	70	72	63	62	70	72	63	60	60	59	65	64	64	62		69	65.8
PAGO PAGO WSO AP	MAX	85	85	86	86	88	88	87	89	87	85	79	83	86	87	85	84	83	84	82	81	85	87	85	85	88	87	87	85	85	85	86	85.4
	MIN	73	70	74	74	72	74	74	72	74	74	74	76	76	76	77	77	76	75	76	78	77	74	73	76	74	73	73	76	74	73	75	74.5
SWAINS ISLAND	MAX																																
	MIN																																
▪ ▪ ▪																															
WESTERN PACIFIC ISL. NORTH OF 12 N																															
ANDERSEN AFB GUAM	MAX	84	81	84	85	82	84	84	85	86	86	85	83	84	84	84	84	84	84	84	82	83	85	83	83	79	83	82	82	83	83	81	83.4
	MIN	78	76	78	78	77	80	79	78	79	77	77	76	79	79	76	79	77	78	78	77	77	78	78	77	74	74	77	77	77	76	77	77.4
CLARK AFB LUZON	MAX	88	84	88	86	86	88	81	84	84	81	88	88	88	90	79	82	84	88	84	84	73	82	88	86	88	88	88	88	88	88	88	85.5
	MIN	68	68	75	72	70	72	73	72	72	73	73	73	72	72	72	72	73	73	73	72	70	72	72	72	72	70	72	72	73	72	70	71.8
GUAM NAS	MAX	85	83	86	85	84	86	85	86	87	86	85	85	86	85	85	85	84	85	85	85	84	85	85	85	83	86	84	85	84	85	85	85.0
	MIN	80	81	80	80	80	80	80	80	80	80	81	80	81	80	79	81	80	80	80	79	79	80	81	80	79	79	80	80	79	79	80	79.9
GUAM WSO	MAX	85	81	85	85	83	85	84	85	85	85	84	84	84	86	84	83	83	84	85	84	84	85	83	84	79	85	83	84	84	83	83	83.9
	MIN	69	73	75	71	74	77	73	72	75	71	76	72	76	76	74	74	73	69	75	73	74	75	74	73	71	72	72	73	76	74	75	73.5
SAIPAN USCG LORAN	MAX	88	86	88	89	89	86	87	88	86	88	88	86	87	87	87	87	87	87	87	87	87	87	87	85	86	86	86	86	86	87	86	87.0
	MIN	67	77	77	73	69	78	76	77	78	80	77	79	78	77	77	75	79	76	72	71	74	75	76	76	75	75	78	76	74	76	79	75.7
WAKE WSO AP	MAX	86	86	82	85	84	84	85	84	85	84	84	86	85	84	85	84	84	84	82	83	84	84	84	83	79	81	81	82	83	83	84	83.7
	MIN	76	75	72	73	76	71	70	72	73	74	75	73	74	74	75	71	74	74	69	73	75	74	74	69	70	71	73	68	72	72	74	72.8
▪ ▪ ▪																																	
CAROLINE AND MARSHALL ISLANDS																																	
ENIWETOK	MAX	88	88	87	87	87	86	87	87	87	88	86	86	87	87	87	86	86	87	85	86	87	86	86	86	87	85	85	86	86	85	87	86.5
	MIN	76	72	79	77	77	76	76	76	79	74	79	76	76	87	77	76	79	73	75	77	78	78	78	78	73	78	77	74	76	75	76	76.7
FALALOP I. ULITHI	MAX	87	87	87	87	87	87	87	80	85	86	86	86	86		86	85	85		85	86	83	83			85	85	85	85	85	84	85	85.4
	MIN	74	76	76	82	77	75	74	79	75	78	80	77	77		79	81	75		81	78	77	77			77	78	79	74	79	78	75	77.3
KAPINGAMARANGI ATOLL	MAX	85	86	85	84	87	89	88	89	88	89	88	88	88	88	87	85	85	87	86	86	88	87	85	84	88	88	87	88	90	90	89	87.2
	MIN	72	75	69	74	74	76	76	75	76	77	76	74	75	75	75	70	74	75	72	74	74	76	73	74	76	75	75	74	76	70	74	74.2
KOROR WSO	MAX	89	89	86	89	89	89	89	90	84	89	89	88	83	89	86	90	90	83	86	89	90	89	87	87	88	87	87	88	86	87	89	87.8
	MIN	74	76	74	74	75	78	77	77	75	77	76	73	74	75	76	76	74	75	75	77	75	75	73	77	78	77	76	76	72	72	74	75.3
KWAJALEIN WSO AP	MAX	85	86	87	87	87	87	84	82	86	87	82	85	86	86	85	86	86	86	87	85	85	85	85	85	85	85	87	86	86	85	86	85.5
	MIN	77	78	77	80	79	78	75	74	76	80	73	79	79	80	80	76	79	79	80	74	79	76	77	78	79	79	79	78	78	79	79	77.9
LELE I. KUSAIE	MAX	89	90	89	91	91	90	89	83	88	88	90	89	90	91	90	90	86	89	90	86	87	87	88	86	88	83	89	90	90	91	88	88.6
	MIN	76	75	74	78	76	75	75	78	72	69	74	77	76	75	73	74	73	71	74	73	69	74	75	74	74	70	73	79	75	74	78	74.3
MAJURO WSO AP	MAX	83	86	86	85	86	85	85	82	85	85	85	82	83	85	84	86	83	81	83	80	84	84	84	84	84	85	84	85	85	85	85	84.2
	MIN	73	74	77	80	78	77	74	73	76	77	78	75	75	78	78	76	74	75	75	74	76	78	78	80	79	79	78	76	76	76	76	76.4
METALANIM	MAX	85	85	83	88	87	87	86	87	86	87	83	85	86	85	83	85	86	85	85	85	85	85	85	84	84	85	83	84	86	86	88	85.3
	MIN	74	75	78	74	78	79	76	77	79	75	71	74	75	75	73	75	74	75	72	73	76	77	75	73	81	79	73	76	77	75	75	75.5
PONAPE WSO	MAX	85	84	89	89	86	88	90	84	88	82	84	89	86	83	87	87	84	87	87	86	85	86	85	85	88	84	88	88	88	89	91	86.5
	MIN	72	74	74	74	75	76	76	76	75	74	75	74	74	75	74	75	73	74	72	78	74	75	74	74	78	75	78	79	77	75	75	75.0
TRUK, MOEN I. WSO AP	MAX	87	88	88	87	87	87	89	87	87	86	87	87	86	87	87	86	84	86	86	86	86	86	87	86	86	86	84	86	86	89	89	86.6
	MIN	75	75	77	77	77	78	76	72	77	75	75	77	77	76	77	77	76	78	75	79	79	78	79	76	76	79	75	77	77	79	79	76.8
WOLEAI ATOLL	MAX	85	88	88	85	87	89	87	86	88	89	87	88	88	83	86	88	87	85	86	86	88	86	87	87	87	87	88	87	84	86	87	86.8
	MIN	74	74	73	73	72	74	74	73	79	73	74	78	75	73	75	77	73	73	75	75	76	74	74	76	77	79	75	72	74	75	78	74.7
YAP WSO AP	MAX	87	87	87	87	87	87	84	86	87	87	87	86	85	86	87	87	86	81	86	87	87	85	85	86	88	86	86	84	86	87	82	86.0
	MIN	76	76	75	75	75	75	75	75	77	78	75	74	73	74	74	78	73	71	76	76	75	75	77	76	78	75	74	74	76	76	75	75.2

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH																												TOTAL OR AVG.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII																																	
[illegible]																																	
[illegible]	EVAP	.22	.18	.12	.08	.10	.11	.24	.10	.21	.25	.27	.29	.24	.12	-	.04	.38	.28	.27	.25	.22	.14	.23	.17	.24	.26	.19	.16	.25	.20	.28	6.388
	WIND	202	71	94	73	70	75	121	234	236	216	239	261	276	228	234	282	311	268	261	196	215	206	221	222	244	287	297	262	251	100	-	64618
	MAX	77	84	81	82	81	82	81	81	79	79	80	79	77	77	78	78	77	77	79	79	77	75	78	79	81	76	72	76	79	79	81	78.7
	MIN	60	60	60	59	58	58	58	65	65	64	64	64	64	65	65	66	63	63	62	62	62	63	64	65	64	63	63	63	62	60	60	62.4
[illegible]																																	
[illegible]	EVAP	.15	.15	.15	.15	.15	.16	.12	.15	.15	.23	.25	.21	.27	.15	.22	.23	.23	.21	.19	.15	.24	.00	.11	.19	.19	.19	.15	.21	.18	.15	.15	5.43
	WIND	7	6	13	12	11	21	15	45	35	41	44	49	72	45	30	58	62	62	44	25	38	6	9	10	15	18	27	19	18	12	5	874
	MAX	84	85	85	84	84	84	84	84	82	83	83	82	81	83	84	82	81	81	81	80	82	74	80	84	83	81	81	82	81	79	85	82.2
	MIN	61	61	60	61	61	61	67	65	64	64	63	68	63	64	63	62	63	62	61	61	63	65	65	64	64	64	67	62	62	60	62	63.0

SEE REFERENCE NOTES FOLLOWING STATION INDEX

EVAPORATION AND WIND

STATION		DAY OF MONTH 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OR AVG.
PACIFIC																																	
▪ ▪ ▪ EAST OF 180TH MERIDIAN																																	
JOHNSTON WSO AP	EVAP	.37	.34	.32	.30	.34	.40	.20	.35	.31	.36	.45	.24	.44	.26	.32	.33	.29	.36	.36	.32	.31	.32	.34	.31	.29	.32	.26	.26	.35	.34	.36	10.12
	WIND	241	222	181	144	140	193	291	282	275	248	262	293	267	263	283	247	305	302	273	260	214	203	158	195	260	278	227	356	245	249	290	7647
	MAX	87	86	87	89	89	85	84	84	84	84	83	83	86	83	84	84	83	84	82	82	84	86	87	87	84	82	83	83	85	84	83	84.5
	MIN	70	70	69	70	69	72	72	72	72	71	72	69	70	72	71	71	72	69	70	69	69	70	70	71	72	70	72	72	69	70	69	70.5
▪ ▪ ▪ WESTERN PACIFIC ISL. NORTH OF 12 N																																	
GUAM WSO	EVAP	.23	.19	.22	.22	.03	.29	.30	.22	.21	.32	.22	.16	.26	.22	.23	.23	.25	.20	.26	.21	.17	.28	.27	.22	.24	.10	.27	.29	.27	.18	.17	6.93
	WIND	43	127	127	107	105	170	139	146	166	161	266	177	187	165	126	173	232	257	223	110	103	211	228	211	198	197	210	-	183	182	191	52928
	MAX	90	83	89	89	82	88	84	87	85	85	84	86	86	88	86	84	84	84	86	85	87	86	83	85	83	85	83	84	86	84	85	85.4
	MIN	70	72	71	70	72	74	72	71	71	73	72	72	72	71	72	71	73	71	73	70	69	71	72	71	71	71	70	70	70	72	73	71.4

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983		0140	02	KOLOA	2	21 57	159 32	1610				C	MCBRYDE SUGAR CO.
ANAHOLA 1114	A	0145	01	KAWAIHAU	1	22 08	159 18	180		7A		C	LIHUE PLANTATION CO
BRYDESWOOD STA 985	A	0240	02	KOLOA	2	21 56	159 32	720		7A			MC BRYDE SUG CO LTD
EAST LAWAI 934	A	0456	02	KOLOA	2	21 55	159 30	440		7A			MC BRYDE SUG CO LTD
EKW 3 RESERVOIR 1094.1		0465	02	KAWAIHAU	2	22 06	159 22	275				C	LIHUE PLANTATION
ELEELE 927	A	0470	02	KOLOA	2	21 54	159 35	163		6A			MC BRYDE SUG CO LTD
HALAULA 1110	A	0935	01	KAWAIHAU	1	22 07	159 19	253		7A			LIHUE PLTN CO LTD
HALENANAHO 1006	A	1038	02	LIHUE	2	21 58	159 26	490		8A			LIHUE PLANTATION CO
HANALEI TUNNEL 1053	A	1170	01	KAWAIHAU	1	22 05	159 28	1218				S	LIHUE PLTN CO LTD
HUKIPO 945		2161	03	WAIMEA	3	21 59	159 41	800		8A			KEKAHA SUGAR CO LTD
ILIILIULA INTAKE 1050	A	2222	02	LIHUE	2	22 02	159 28	1050		VAR			LIHUE PLTN CO LTD
INTAKE WAINIHA PC 1086	A	2227	01	HANALEI	1	22 09	159 34	690		WI			MC BRYDE SUG CO LTD
KANALOHULUHULU 1075		3099	03	WAIMEA	3	22 08	159 40	3600	8A	8A		C	KANALOHULUHULU R. S.
KANEHA RESERVOIR 1092	A	3104	01	KAWAIHOU	1	22 08	159 23	830		7A			LIHUE PLANTATION
KAPAA STABLES 1104	A	3159	01	KAWAIHAU	1	22 05	159 20	175		7A		C	LIHUE PLTN CO LTD
KEALIA 1112	A	3382	01	KAWAIHAU	1	22 06	159 19	9		7A			LIHUE PLTN CO LTD
KEKAHA 944		4272	03	WAIMEA	3	21 58	159 43	9		8A		C	KEKAHA SUGAR CO LTD
KILAUEA 1134	A	4561	01	HANALEI	1	22 13	159 25	320		7A		C	NICK RAPOZO
KILAUEA FIELD 17 1135	A	4566	01	HANALEI	1	22 11	159 24	415		7A			METCALF FARMS HI. INC
KILAUEA POINT 1133		4568	01	HANALEI	1	22 14	159 24	180	8A	8A			U S COAST GUARD
KITANO 1037.1		4650	03	WAIMEA	3	22 02	159 41	2150				C	KEKAHA SUGAR CO
KOLO 1033		4735	03	WAIMEA	3	22 04	159 46	36		7A			KEKAHA SUGAR CO LTD
KOLOA 936	A	4742	02	KOLOA	2	21 55	159 28	240		8A			MCBRYDE SUGAR CO
KOLOA MAUKA 994	A	4750	02	KOLOA	2	21 58	159 29	640		7A			MCBRYDE SUGAR COMPANY
KOLOKO RES 1137	A	4758	01	KAWAIHAU	1	22 11	159 23	650		8A			METCALF FARMS HI. INC
KUKUIULA 935	A	4950	02	KOLOA	2	21 54	159 30	100		6A			MC BRYDE SUG CO LTD
LIHUE VARIETY STA	A	5560	02	LIHUE	2	22 01	159 23	375		7A		C	LIHUE PLANTATION CO
LIHUE 1020	A	5575	02	LIHUE	2	21 59	159 22	207		7A			LIHUE PLTN CO LTD
LIHUE WSO 1020.1 AP	R	5580	02	LIHUE	2	21 59	159 21	103	8A	8A	8A	C J	NATL WEATHER SERVICE
MAKAHUENA POINT 940.1		5785	02	KOLOA	2	21 52	159 27	52	7A	7A			U S COAST GUARD
MAKAWELI 965	A	5864	03	WAIMEA	3	21 55	159 38	140		7A			OLOKELE SUGAR CO
MANA 1026		6082	03	WAIMEA	3	22 02	159 46	20	8A	8A			KEKAHA SUGAR CO LTD
M.M 1001		6097	02	KOLOA	2	21 55	159 28	300				C	MCBRYDE SUGAR COMPANY
MOHIHI UPR CROSS 1083	A	6433	01	WAIMEA	3	22 07	159 36	3500		MID		S	U S GEO SURVEY
MOLOAA 1145	A	6529	01	KAWAIHAU	1	22 11	159 20	330		7A			THEODORE JAVELLANA JR
MOUNT WAIALEALE 1047	R	6565	03	WAIMEA	2	22 04	159 30	5148		MID		S	U. S. GEO. SURVEY
NIU RIDGE 1035		6850	03	WAIMEA	3	22 02	159 44	1250	6A	6A			KEKAHA SUGAR CO LTD
N WAILUA DITCH 1051	A	6888	02	LIHUE	2	22 04	159 28	1110		7A			LIHUE PLTN CO LTD
N WAILUA RIVER 1055	A	6893	02	KIHUE	2	22 04	159 26	650				S	LIHUE PLTN CO LTD
PH WAINIHA 1115		8155	01	HANALEI	1	22 12	159 34	101		6A		C	MC BRYDE SUG CO LTD
PAIN EVICE RANCH 1117		8165	01	HANALEI	1	22 13	159 29	295		9A		C	EAGLE CO DEVELOP CORP
PUEHU RIDGE 1040		8205	03	WAIMEA	3	22 01	159 42	1660		7A			KEKAHA SUGAR CO LTD
PUHI 1013	A	8217	02	LIHUE	2	21 58	159 24	329		8A			LIHUE PLANTATION CO
STABLE CAMP 1055.1		8694	02	LIHUE	2	22 04	159 27	740				C	LIHUE PLANTATION CO.
WAHIAWA 930	A	8941	02	KOLOA	2	21 54	159 34	215		7A		C	MC BRYDE SUG CO LTD
WAIAHI LOWER 1054		8958	02	LIHUE	2	22 01	159 27	565	6A	6A			LIHUE PLTN CO LTD
WAIAHI UPPER 1052		8966	02	LIHUE	2	22 01	159 28	780		6A			LIHUE PLTN CO LTD
WAIAWA 943		9253	03	WAIMEA	3	21 59	159 43	10		8A			KEKAHA SUGAR CO LTD
WAILUA KAI 1065	A	9467	02	LIHUE	2	22 02	159 21	50		7A			LIHUE PLANTATION
WAIMEA 947		9629	03	WAIMEA	3	21 58	159 41	20		8A			KEKAHA SUGAR CO.
WEST LAWAI 931	A	9955	02	KOLOA	2	21 54	159 31	210		6A			MC BRYDE SUG CO LTD
ISLAND OF OAHU													
AHUIMANU LOOP 839.12		0095	01	KOOLAUPOKO	1	21 26	157 51	320				C	DON MITCHELL
BERETANIA PUMPING STA		0211	02	HONOLULU	2	21 19	157 51	20		9A			BOARD OF WTR SUPPLY
CAMPBELL IND PK 702.5		0248	02	OAHU	3	21 19	158 07	10		8A			STANDARD OIL CO OF CAL
CAMP 84 807		0300	03	EWA	3	21 26	158 04	760		6A		C	DEL MONTE CORPORATION
CHURCH COLLEGE LAIE		0340	01	KOOLAUPOKO	1	21 39	157 56	20	5P	5P			BIOLOGICAL SCIENCE DEPT
COCONUT ISLAND 840.1		0350	01	KOOLAUPOKO	1	21 26	157 47	15		8A			H INST MARINE BIOLOGY
DOWSETT [illegible] 780.8		0438	02	HONOLULU	2	21 21	157 50	565				C	J.L. BANNING
EWA PLANTATION 741		0507	03	EWA	3	21 21	158 02	50	9A	7A			OAHU SUGAR COMPANY
HALAWA SHAFT 771.2		0964	02	HONOLULU	2	21 23	157 54	170				C	BOARD OF WATER SUPPLY
HELEMANO INTAKE 881	A	1384	05	WAIALUA	5	21 33	158 00	1274		WI		C	WAIALUA SUGAR CO. INC.
HONOLOA 725.2	A	1540	03	EWA	3	21 24	158 06	2220		VAR		C	H. V. VON HOLT
HONOLULU OBSERV 702.2		1618	03	EWA	3	21 19	158 00	5		9A	9A		ENVIRONMENTAL RES LAB

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE †	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF OAHU													
*HONOLULU WSO 703 AP	R	1919	02	HONOLULU	2	21 20	157 55	7	MID	MID		C J	NATL WEATHER SERVICE
*HONOLULU SUBSTA 704	R	1924	02	HONOLULU	2	21 19	157 52	12	MID	MID		C	NATL WEATHER SERVICE
H S P A EXP STA 707		2146	02	HONOLULU	2	21 18	157 50	50		8A			H S P A EXP STATION
KAALAKEI 724.6		2269	02	HONOLULU	2	21 18	157 43	10				C	MRS. MILLIE ZAPATA
KAENA POINT 841.3		2410	04	WAIALUA	4	21 34	158 15	1240		9A			U S AIR FORCE
KAHANA 883	A	2462	01	KOOLAULOA	1	21 31	157 54	800		WI			WAIAHOLE WTR CO LTD
KAHUKU 912	A	2570	01	KOOLAULOA	1	21 41	157 57	25		8A		C	LOWE INC
KAILUA FIRE STA 791.3		2683	01	KOOLAUPOKO	1	21 24	157 45	10		8A		C	KAILUA FIRE STATION
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				C	GRADEN HARGER
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		MID			BOARD OF WTR SUPPLY
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	7A	7A			STATE HOSPITAL
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		8A			KAMEHAMEHA SCHOOLS
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		7A			WAIALUA SUGAR CO. INC.
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		MO			WAIALUA SUGAR CO. INC.
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		7A			WAIALUA SUGAR CO. INC.
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		8A			C & F OFFICER HEOG
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113	2P	2P		C	PUBLIC WORKS DEPT
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		WI			U S NAVY
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240				C	MILNOR LOM
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		7A			HAROLD ROBERTS
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400		8A		C	CAPITAL INVESTMENT CO.
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		7A			MRS.JOHN H.BEAUMONT
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		MID			BOARD OF WTR SUPPLY
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410				C	EXP. STA. H.S.P.A.
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		9A			JOHN A ROXBURGH
MOMILANI 835.1		6547	03	OAHU	3	21 25	157 58	325				C	CHESTER T KAINUMA
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015				C	FEDERAL AVIATION ADM
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		MID			BOARD OF WTR SUPPLY
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		WI			BOARD OF WTR SUPPLY
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	7A	7A		C	WAIALUA SUGAR CO. INC.
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		10A			CC DEPT PKS RECREATION
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		MID			BOARD OF WTR SUPPLY
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		MID			BOARD OF WTR SUPPLY
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		7A			WILLIS WEBBER
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	8A	8A		C	PINEAPPLE RESEARCH INST
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20				C	DEAN FUJII
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		8A			NAT MEM CEMETERY
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900				C	JACK N. WHEELER
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		7A			REV R CULLINAN
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				C	THE OCEANIC INSTITUTE
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000				C	BOARD OF WATER SUPPLY
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		7A			R. E. WHITE
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		8A			DEPT OF GEOSCIENCE
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		6A			W B RUTHERFORD
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		7A		C	WAIALUA SUGAR CO. INC.
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		8A		C	WAIAHOLE WTR CO LTD
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		7A			SPENCER TINKER
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	8A	8A			WAIALEE LIVESK RES FARM
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	7A	7A		C	WAIALUA SUGAR CO. INC.
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		7A			BEN MAYES
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40				C	MOUNTAIN VIEW DAIRY
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		MO			WAIAHOLE WTR CO LTD
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		WI			WAIAHOLE WTR CO LTD
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	8A	8A			HONOLULU ZOO
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180				C	WAILUPE VALLEY SCHOOL
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60	7A	7A			WAIMANALO EXP FARM
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120				C	WAIMANALO EXP FARM
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		7A		C	WAIALUA SUGAR CO. INC.
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		8A			OAHU SUGAR CO
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		MID			BOARD OF WTR SUPPLY
ISLAND OF MOLOKAI													
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		8A			KALAUPAPA SETTLEMENT
KAUNAKAKAI 536		3541	01	MOLOKAI	1	21 06	157 01	12		7A			MOLOKAI RANCH LTD
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70				C	MOLOKAI GENERAL HOSP.
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		VAR			MOLOKAI RANCH, LTD.
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		7A		C	DEL MONTE CORPORATION

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MOLOKAI												
MAPULEHU 542	6138	01	MOLOKAI	1	21 04	156 48	20		8A			SOLOMON DAVIS
[illegible] 511 A	6130	01	MOLOKAI	1	21 08	157 13	1070		9A		C	DOLE COMPANY
MOLOKAI AP 524	6534	01	MOLOKAI	1	21 09	157 06	450	8A	8A			ALOHA AIRLINES
[illegible] 545.1	8221	01	MOLOKAI	1	21 05	156 48	10				C	MISS MIRIAM DAVIS
PUUOHOKU RANCH 542.1	8549	01	MOLOKAI	1	21 09	156 44	700		6A		C	PUUOHOKU RANCH
WAIKOLU 540 A	9404	01	MOLOKAI	1	21 08	156 55	3550		WI		C	MOLOKAI RANCH
ISLAND OF LANAI												
[illegible] 630 A	3130	01	LAHAINA	1	20 52	157 00	1650		WI		C	LANAI COMPANY
KAUMALAPAU HARBOR 658	3461	01	LAHAINA	1	20 47	157 00	30		8A		C	DOLE COMPANY
[illegible] 656	5275	01	LAHAINA	1	20 48	156 57	1300	8A	8A			HAWAIIAN AIR
LANAI CITY 672 A	5286	01	LAHAINA	1	20 50	156 55	1620	7A	7A			DOLE COMPANY
LANAIHALE 684 A	5301	01	LAHAINA	1	20 49	156 53	3370		WI			LANAI COMPANY
MAHANA 694 A	5704	01	LAHAINA	1	20 52	156 55	1430		MO			LANAI COMPANY
MALAUEA 676 A	6012	01	LAHAINA	1	20 46	156 55	1150		WI		C	LANAI COMPANY
[illegible] 685 A	9021	01	LAHAINA	1	20 47	156 52	2040		WM			DOLE COMPANY
ISLAND OF MAUI												
AUWAHI 252 A	0175	02	HANA	2	20 37	156 20	2060		VAR			ULUPALAKUA RANCH
FIELD 46 474	0541	04	LAHAINA	4	20 59	156 38	1050				C	MAUI PINEAPPLE CO.
HAELAAU 477	0790	04	LAHAINA	4	20 57	156 36	2980				S	MAUI LAND-PINEAPPLE CO
HAIKU KUIAHA 486.4	0834	02	MAKAWAO	1	20 55	156 19	525				C	BOB MCGRATH
HALEAKALA B E S 434 A	0995	01	MAKAWAO	1	20 51	156 18	2100		7A			U OF H AGRIC EXP STA
HALEAKALA RANCH 432 A	0999	01	MAKAWAO	1	20 50	156 19	1850		8A			HALEAKALA RANCH CO
HALEAKALA RS 338	1004	02	MAKAWAO	2	20 46	156 15	7030	8A	8A			HALEAKALA NAT PARK
HALEAKALA SUMMIT 338.4A	1008	02	MAKAWAO	2	20 43	156 16	9960	8A	8A		C	LKHEED SP & MSLE DIV
HALIIMAILE 423 A	1075	01	MAKAWAO	1	20 52	156 21	1070		3A			MAUI LAND-PINEAPPLE CO
HAMAKUAPOKO 485	1086	01	MAKAWAO	1	20 55	156 21	320		5A			HAWAIIAN COM & SUG CO
HANA 354 A	1122	01	HANA	1	20 45	155 59	120		8A		C	HARRY HASEGAWA
HANA AIRPORT 355	1125	01	HANA	1	20 48	156 01	61	8A	8A			ROYAL HAWAIIAN AIRLINES
[illegible] 281	1148	01	HANA	1	20 41	156 01	325		7A			KOALI RANCH
HOLUA CABIN 259.5 A	1552	02	MAKAWAO	2	20 45	156 13	6930		MO			HALEAKALA NATL PARK RGS
HONOKOHAU 480 A	1882	04	LAHAINA	4	20 58	156 36	870		MO			MAUI LAND-PINEAPPLE CO
HONOKOHUA 493 A	1887	04	LAHAINA	4	21 00	156 39	135		6A			MAUI LAND-PINEAPPLE CO
HONOLUA FLD 49 494	1914	04	LAHAINA	4	21 01	156 38	125				S	MAUI LAND-PINEAPPLE CO
HONOMANU GULCH 341 A	1935	01	MAKAWAO	1	20 47	156 14	6280		MO			HALEAKALA RANCH CO
IAO NEEDLE 387.2	2208	03	WAILUKU	3	20 53	156 33	1100				C	STATE DIVISION OF PARKS
KAANAPALI AP 453.1	2307	04	LAHAINA	4	20 56	156 42	8	8A	8A			AMFAC PROPERTIES INC
KAHAKULOA MAUKA 482.3	2453	03	WAILUKU	4	20 59	156 33	650				C	EDWARD CHANG
KAHOMA INTAKE 374 A	2552	04	LAHAINA	4	20 54	156 38	2000		WI			PIONEER MILL CO LTD
KAHULUI WSO 398 AP R	2572	03	WAILUKU	3	20 54	156 26	48	MID	MID		C J	NATL WEATHER SERVICE
KAILIILI 436 A	2630	01	MAKAWAO	1	20 51	156 16	2520		MO			E MAUI IRR CO LTD
KAILUA 446	2679	01	MAKAWAO	1	20 54	156 13	700	7A	7A			E MAUI IRR CO LTD
KAUAULA INTAKE 375 A	3433	04	LAHAINA	4	20 53	156 38	1585		WI			PIONEER MILL CO LTD
KAUPO RANCH HOUSE 259	3576	02	HANA	2	20 39	156 08	1020				C	KAUPO RANCH
KEAHUA 410	3910	03	MAKAWAO	3	20 52	156 23	480		5A			HAWAIIAN COM & SUG CO
KEANAE 346 A	4091	01	HANA	1	20 50	156 10	980		MO			E MAUI IRR CO LTD
KEAWAKAPU BEACH 260.2	4193	02	MAKAWAO	2	20 42	156 27	20	8A	8A			A. L. CORELL
KIHEI 311	4489	03	WAILUKU	3	20 47	156 27	90		7A		C	HAWAIIAN COM & SUG CO
KIPAHULU 258	4634	01	HANA	1	20 39	156 04	260		7A			HANA RANCH
KUKUI 380	4887	04	LAHAINA	4	20 54	156 35	5788				S	MAUI LAND-PINEAPPLE CO
KULA HEIGHTS 323.2	5003	02	MAKAWAO	2	20 47	156 19	2520		6A		C	KENNETH WILLEY
KULA SANATORIUM 267	5006	02	MAKAWAO	2	20 42	156 22	3004	7A	7A			KULA SANATORIUM
LAHAINA 361	5177	04	LAHAINA	4	20 53	156 41	45	7A	7A		C	PIONEER MILL CO LTD
LAUNIUPOKO INTAKE 376 A	5404	04	LAHAINA	4	20 51	156 37	1280		VAR			PIONEER MILL CO LTD
LAUNIUPOKO VILLAGE 372A	5408	04	LAHAINA	4	20 51	156 39	220		7A			PIONEER MILL CO LTD
LUPI UPPER 442 A	5665	01	MAKAWAO	1	20 53	156 15	1240		MO			E MAUI IRR CO LTD
MAHINAHINA 466 A	5715	04	LAHAINA	4	20 57	156 40	715		7A			PIONEER MILL CO LTD
MOKUPEA 475	6521	04	LAHAINA	4	20 59	156 37	1290				S	MAUI LAND-PINEAPPLE CO
NAKALELE FIELD 60 497 A	6645	04	LAHAINA	4	21 02	156 36	340		VAR			MAUI LAND-PINEAPPLE CO
OLINDA 332 A	7040	01	MAKAWAO	1	20 48	156 17	4127		VAR			EAST MAUI IRRIGATION CO
OLOWALU 296	7059	04	LAHAINA	4	20 49	156 38	7		7P			PIONEER MILL CO.
	7079						-		7A			
[illegible] C	7194	01	HANA	1	20 49	156 07	1260		WI		C	E MAUI IRR CO LTD
PAIA 406	7566	01	WAILUKU	1	20 55	156 23	170		6A			HAWAIIAN COM & SUG CO
PANILEIHULU 259.2 A	7674	02	HANA	2	20 41	156 08	3570		WI			KAUPO RANCH CO.
POHAKEA BRIDGE 307.2 A	8060	03	WAILUKU	3	20 49	156 31	167		6A			WAILUKU SUGAR CO
[illegible] 261.2A	8070	02	MAKAWAO	2	20 41	156 20	6150		VAR			STATE DIV OF FORESTRY

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE #	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF MAUI													
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		MO			E MAUI IRR CO LTD
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		7A			HAWAIIAN COM & SUG CO
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160				S	EAST MAUI IRRIGATION CO
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		8A			HAWAIIAN COM & SUG CO
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		VAR			KAONOULU RANCH
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		MO			HALEAKALA RANCH CO
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		7A			PIONEER MILL CO LTD
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		8A		C	ULUPALAKUA RCH CO LTD
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		8A			PIONEER MILL CO LTD
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		6A			WAILUKU SUGAR CO
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		6A			WAILUKU SUGAR CO
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		MO			E MAUI IRR CO LTD
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		VAR		C	EAST MAUI IRRIGATION CO
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		6A			WAILUKU SUGAR CO
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630				S	EAST MAUI IRRIGATION CO
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	7A	7A			WAILUKU SUGAR COMPANY
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		OC			HALEAKALA RANCH CO
ISLAND OF HAWAII													
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		MO			W.H. GREENWELL RANCH
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		VAR			KOHALA DITCH CO LTD
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15		9A			NAT HISTORICAL PARK
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		MO			KOHALA DITCH CO LTD
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	8A	8A		C	HONOKAA SUGAR CO
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		7A			MAUNA KEA SUGAR CO
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		MO			HAWAII NAT PARK
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		MO			KUKAIAU RANCH CO
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		MO			MAUNA KEA OBSERVATORY
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	8A	8A		C	HAWAII NAT PARK
HAWI 168	A	1339	01	N KOHALA	1	20 14	155 50	600		7A		C	KOHALA CORPORATION
HILO COUNTRY CLUB 86.6		1487	02	HAWAII	2	19 41	155 10	1480		7A		C	SHIGEO NAKAMURA
HILO WSO 87 AP	R	1492	02	S HILO	2	19 43	155 04	27	MID	MID		C J	NATL WEATHER SERVICE
HOLUALOA 70	A	1557	04	N KONA	4	19 38	155 55	3220		MO			STATE DIV OF FORESTRY
HOLUALOA BEACH 68	A	1562	04	N KONA	4	19 37	155 59	14		7A			CAPT COOK CATTLE CO
HOLUALOA MAKAI 69.16		1570	04	HAWAII	4	19 38	155 58	1040				C	SID WEINRICH
HONAUNAU 27		1665	04	S KONA	4	19 27	155 53	1089		7A			SHIGETO L TANAKA
HONOHINA 137		1701	02	N HILO	2	19 56	155 09	300		7A			MAUNA KEA SUGAR CO
HONOKANE 181.1	A	1864	01	N KOHALA	1	20 09	155 44	800		VAR			KOHALA DITCH CO LTD
HONOMU MAUKA 138		1960	02	S HILO	2	19 51	155 09	1100		7A		C	MAUNA KEA SUGAR CO
HONUAULA 71	A	2047	04	N KONA	4	19 40	155 53	6250		MO			STATE DIV OF FORESTRY
HUALALAI 72	A	2151	04	N KONA	4	19 42	155 52	8190		MO			STATE DIV OF FORESTRY
HUEHUE 92.1	A	2156	04	N KONA	4	19 45	155 59	1960		6A			HUEHUE RANCH
KAALA IKI 12	A	2249	03	KAU	3	19 08	155 34	1340		7A			KAU SUGAR COMPANY, INC
KAAWALOA 29	A	2327	04	N KONA	4	19 30	155 55	1340		8A			CAPTAIN COOK COFFEE CO.
KAHIAWAI 3.4		2512	03	KAU	3	19 08	155 46	3700				C	RUSSELL P. SMITH
KAINALIU 73.2		2751	04	N KONA	4	19 32	155 56	1500	7A	7A			KONA EXPERIMENT STA
KALAPANA NO 1 57.8		2894	02	S HILO	2	19 20	155 02	10		VAR			HAWAII VOLCANOES NAT PK
KAMAOA NO 2 5	A	3048	03	KAU	3	19 02	155 40	1375		WI			HAWAIIAN RANCH CO
KAMUELA 192.2		3077	01	S KOHALA	1	20 01	155 40	2670	6A	6A			PARKER RANCH
KAPAPALA RANCH 36	A	3300	03	KAU	3	19 17	155 27	2140		6A			HAWAIIAN RANCH COMPANY
KAPOHO LANDING 93.5	A	3369	02	PUNA	2	19 30	154 52	290		VAR			DEPT OF PUBLIC WORKS
KAWAINUI LOWER 193	A	3770	01	HAMAKUA	1	20 05	155 39	1080		WI			HONOKAA SUGAR CO
KEAAU 92		3872	02	PUNA	2	19 38	155 02	285	8A	8A			PUNA SUGAR CO
KEAIWA CAMP 22.1		3925	03	KAU	3	19 14	155 29	1700				C	KAU SUGAR COMPANY, INC
KEALAKEKUA 26.2		3977	04	S KONA	4	19 30	155 55	1450				C	GREENWELL RANCH
KEANAKOLU CAMP 124.2		4098	02	HAMAKUA	2	19 55	155 21	5280				C	STATE DIV OF FORESTRY
KEHENA 181.2	A	4245	01	N KOHALA	1	20 07	155 45	3840		WI			KOHALA DITCH CO LTD
KIOLAKAA A & F 6	A	4625	03	KAU	3	19 04	155 38	1925		MO			STATE DIV OF FORESTRY
KIPA 89.2	A	4632	02	S HILO	2	19 44	155 09	1490		WI			MAUNA KEA SUGAR CO.
KOHALA MAULILI 176	A	4675	01	N KOHALA	1	20 13	155 47	960		7A			KOHALA CORPORATION
KOHALA MISSION 175.1		4680	01	N KOHALA	1	20 14	155 48	537	7A	7A			K. LYMAN BOND
KOIAWE LOWER 196	A	4685	01	HAMAKUA	1	20 05	155 38	720		WI			HONOKAA SUGAR CO
KONA (KAILUA) 68.3	A	4764	04	N KONA	4	19 39	156 00	30	8A	8A		C	STANDARD OIL CO OF CAL
KONA VILLAGE 93.8		4765	04	N KONA	4	19 50	155 59	20		8A			KONA VILLAGE RESORT HTL
KUKAIAU 222		4815	01	HAMAKUA	1	20 02	155 21	840		6A			LAUPAHOEHOE SUGAR CO
KUKUIHAELE HIC 199		4928	01	HAMAKUA	1	20 07	155 35	980		6A			HONOKAA SUGAR CO
KUKUIHAELE MILL 206	A	4938	01	HAMAKUA	1	20 08	155 34	300		6A			HONOKAA SUGAR CO
KULANI CAMP 79		5011	02	S HILO	2	19 33	155 18	5170	8A	8A			ST DEPT OF SOCIAL SER

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION		INDEX NO.	DIVISION	DISTRICT	DRAINAGE	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
									TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
ISLAND OF HAWAII													
KULANI MAUKA 76	A	5018	05	N HILO	5	19 35	155 27	8300		WI		C	MAUNA LOA OBS.
MAUNA LOA SUMMIT SITE 78	A	5021	02	S HILO	2	19 35	155 20	5735		WI			ST DEPT OF SOCIAL SER
LALAMILO FLD OFF 191.1		5260	01	S KOHALA	1	20 01	155 41	2615				C	STATE DEPT OF L&N RES
WAIMEA 68.3		5330	04	N KONA	4	19 40	155 58	1530		7A			KONA EXPERIMENT STATION
LAVA TREE PARK 66.1		5460	02	PUNA	2	19 29	154 54	650				C	STATE DIV OF PARKS
MAKAHALAU 103		5761	02	HAWAII	1	19 59	155 33	3820		6A			PARKER RANCH
MAUKA 2	A	6134	03	KAU	3	19 07	155 50	1760		WI			STATE DIVISION OF PARKS
MAUNA KEA OBS 111.2		6183	02	HAWAII	2	19 49	155 28	13770		7P			MAUNA KEA OBSERVATORY
MAUNA LOA SLOPE OBS		6198	05	HAMAKUA	5	19 32	155 35	11150	9A	9A			MAUNA LOA OBSERVATORY
MIDDLE HOLUALOA 68.1	A	6268	04	N KONA	4	19 37	155 58	475		7A			KONA EXPERIMENT STATION
MIDDLE PEN 147.1	A	6270	01	N KOHALA	1	20 06	155 50	1380		VAR			KAHUA RANCH
MAUKA 18	A	6407	03	KAU	3	19 11	155 30	600		MO			HAWAIIAN RANCH CO
MOUNTAIN VIEW 91		6552	02	PUNA	2	19 33	155 07	1530	6A	6A			PUNA SUGAR CO
NAALEHU 14	A	6588	03	KAU	3	19 04	155 35	673	8A	8A			KAU SUGAR COMPANY, LTD
NAPOOPOO 28	A	6697	04	S KONA	4	19 28	155 55	395		7A			KONA EXPERIMENT STA
NIULII 179	A	6806	01	N KOHALA	1	20 14	155 45	75		6A			KOHALA CORPORATION
OOKALA 223		7131	02	N HILO	2	20 01	155 17	430	7A	7A			LAUPAHOEHOE SUGAR CO
OPIHIHALE 2 24.1		7166	04	S KONA	4	19 16	155 53	1270	7A	7A			MISS C LEONARD
ORCHID LAND EST 91.5	A	7185	02	PUNA	2	19 34	155 00	445		VAR			BOARD OF WATER SUPPLY
PAAUHAU 217		7204	01	HAMAKUA	1	20 05	155 26	415		7A			HONOKAA SUGAR COMPANY
PAAUILO 221		7312	01	HAMAKUA	1	20 03	155 22	800		7A			LAUPAHOEHOE SUGAR CO
PAHALA 21	A	7421	03	KAU	3	19 12	155 29	870	8A	8A			KAU SUGAR COMPANY, INC
PAHOA 65		7457	02	PUNA	2	19 30	154 57	670		6A			PUAN SUGAR COMPANY
PAKAO 37	A	7643	03	KAU	3	19 22	155 28	5000		MO			HAWAIIAN RANCH CO INC
PAPAIKOU 144.1		7711	02	S HILO	2	19 47	155 06	200		7A			MAUNA KEA SUGAR CO
PAPAIKOU MAUKA 140.1		7721	02	S HILO	2	19 47	155 08	1270		7A			MAUNA KEA SUGAR CO
PIIHONUA 89	A	8051	02	S HILO	2	19 44	155 10	1730		MO			STATE DIV OF FORESTRY
POHAKULOA 107	A	8063	02	HAMAKUA	2	19 45	155 32	6511		VAR		C	STATE DIVISION OF PARKS
PUAKO 95.1	A	8186	05	KOHALA	5	19 59	155 50	5	8A	8A			ERWIN H. RAPP
PUU KIHE 120	A	8393	01	HAMAKUA	1	19 54	155 24	7750		MO			KUKAIAU RANCH CO
PUU LAAU 102.1	A	8452	05	HAMAKUA	5	19 50	155 36	7440		MO			STATE DIV OF FISH-GAME
PUU LEHUA 73	A	8460	04	N KONA	4	19 34	155 49	4880		MO			W.H. GREENWELL RANCH
PUU MAI 113	A	8515	01	HAMAKUA	1	19 55	155 26	6960		MO			KUKAIAU RANCH CO
PUU OO 82	A	8550	02	S HILO	2	19 44	155 23	6340		WI		C	MISS JACKIE BENLEHR
PUU WAAWAA 94.1	A	8555	05	N KONA	5	19 47	155 51	2520		7A		C	PUU WAAWAA RANCH CO
SADDLE ROAD 1 84	A	8640	02	S HILO	2	19 42	155 12	2340		WM			BOARD OF WTR SUPPLY
SOUTH POINT CORRAL 3	A	8675	03	KAU	3	18 57	155 41	500		WI		C	HAWAIIAN RANCH COMPANY
UMIKOA 118		8780	01	HAMAKUA	1	19 59	155 23	3420		7A			KUKAIAU RANCH CO
UPOLU POINT USCG 159.2		8830	01	N KOHALA	1	20 15	155 53	61	8A	8A			U S COAST GUARD
WAIAKEA SCD 88.2		9025	02	S HILO	2	19 40	155 08	1050		7A			SHINICHI KANESHIRO
WAIKANONOULA 178.6		9350	01	N KOHALA	1	20 08	155 47	3830				C	KAHUA RANCH

SEE REFERENCE NOTES FOLLOWING STATION INDEX

STATION INDEX

STATION	INDEX NO.	DIVISION	DISTRICT	DRAINAGE ‡	LATITUDE	LONGITUDE	ELEVATION	OBSERVATION TIME AND TABLES				OBSERVER
								TEMP.	PRECIP.	EVAP.	SPECIAL (SEE NOTES)	
PACIFIC												
EAST OF 180TH MERIDIAN												
CANTON ISLAND	4101	02	PHOENIX IS		2 46N	171 43W	8	8A	7P			USAF OL-A DET 30
FAGA ALU RESERVOIR	4135	03	AMER SAMOA		14 18S	170 42W	820		8A			PUBLIC WORKS
JOHNSTON WSO AP R	4320	01	LINE ISLANDS		16 44N	169 31W	7	MID	MID	7A	J	NATL WEATHER SERVICE
LEONE	4397	03	TUTUILA		14 21S	170 47W	20	6P	6P			ST THERESA SCHOOL
FRENCH FRIGATE SHOALS	4401	07			23 52N	166 17W	6	8P	8A			U S COAST GUARD
LUMA VILLAGE	4424	03	TA'U MAN'		14 14S	169 31W	18		8A			SOLOMULI MALUIA
MIDWAY SAND ISLAND	4490	07			28 13N	177 21W	10	MID	MID			U S NAVY
PAGO PAGO WSO AP R	4690	03	AMER SAMOA		14 20S	170 43W	12	MID	MID		J	NATL WEATHER SERVICE
SWAINS ISLAND	4822	01	AMER SAMOA		11 03S	171 05W	6	7A	7A			AMERICAN SAMOA RAD STA
WESTERN PACIFIC ISL. NORTH OF 12 N												
<ANDERSEN AFB GUAM	4025	03	MARIANNA IS		13 35N	144 55E	605	MID	MID			U S AIR FORCE
<CLARK AFB LUZON	4100	06	PHILIPPINE I		15 11N	120 33E	475	MID	MID			U S AIR FORCE
#GUAM NAS	4226	03	MARIANNA IS		13 29N	144 48E	250	MID	MID			U S NAVY
GUAM WSO R	4229	03	MARIANNA IS		13 33N	144 50E	361	MID	MID	MID	J	NATL WEATHER SERVICE
MANGILAO	4468	03	GUAM		13 27N	144 49E	60		7A			GUAM AGRICULTRAL STA
ROTA	4800	03	MARIANNA IS		14 08N	145 09E	47		8A			DIST ADMINISTRATOR
SAIPAN USCG LORAN	4860	01	MARIANNA IS		15 08N	145 42E	9	MID	MID			U S COAST GUARD
WAKE WSO AP R	4901	01			19 17N	166 39E	11	MID	MID		J	NATL WEATHER SERVICE
CAROLINE AND MARSHALL ISLANDS												
ANGUAR	4030	02	CAROLINE IS		6 55N	134 09E	15		8A			U S COAST GUARD
ENIWETOK	4165	01	MARSHALL IS.		11 21N	162 21E	13	MID	MID			U S COAST GUARD
FALALOP I. ULITHI	4185	02	CAROLINE IS		10 02N	139 48E	6	10P	10P			U S COAST GUARD
KAPINGAMARANGI ATOLL	4325	02	PONAPE		1 05N	154 48E	7	8A	8A			DAVID MADAKY
KOROR WSO R	4351	02	CAROLINE IS		7 20N	134 29E	94	MID	MID		J	NATL WEATHER SERVICE
KWAJALEIN WSO AP R	4375	01	MARSHALL IS		8 44N	167 44E	8	MID	MID		J	NATL WEATHER SERVICE
LELE I. KUSAIE	4395	02	CAROLINE IS		5 20N	163 01E	7	11P	11P			ROGER SKILLING
MAJURO WSO AP R	4460	02	MARSHALL IS		7 05N	171 23E	10	MID	MID		J	NATL WEATHER SERVICE
METALANIM	4482	02	PONAPE		6 51N	158 19E	30	8A	8A			REV E. A. SOUCIE
MOKIL ATOLL	4490	02	PONAPE DIST.		6 41N	159 47E	10		5P			ESHIAM BEN
NGASANG,BABELTHUAP	4580	01	PALAU ISLAND		7 38N	134 39E	10		8A			BETHANIA SEMINARY
PONAPE WSO R	4751	02	CAROLINE IS		6 58N	158 13E	123	MID	MID		J	NATL WEATHER SERVICE
SATAWAN ATOLL	4814	02	CAROLINE IS		5 20N	153 44E	9		6P			ANTER EKO
TRUK, MOEN I. WSO AP R	4851	02	CAROLINE IS		7 28N	151 51E	5	MID	MID		J	NATL WEATHER SERVICE
WOLEAI ATOLL	4911	01	CAROLINE IS		7 23N	143 55E	7	10P	10P			PROTESTANT MISSION
YAP WSO AP R	4951	02	CAROLINE IS		9 29N	138 05E	44	MID	MID		J	NATL WEATHER SERVICE

SEE REFERENCE NOTES FOLLOWING STATION INDEX

PRECIPITATION MEASURED IN STORAGE GAGES

Station	Obser vation date	Amount since last obs	Snow on ground
ISLAND OF KAUAI			
	1974		
[illegible]	JAN 31	16.00	
	[illegible]	15.40	
	MAR 31	15.20	
	APR 30	20.20	
	MAY 31	17.20	
	[illegible]	12.00	
	[illegible]	17.40	
	[illegible]	7.20	
	SEP 30	14.20	
	[illegible]	11.20	
	NOV 30	24.60	
	[illegible]	[illegible]	
[illegible]		180.00	
	1974		
[illegible]	JAN 31	12.80	
	[illegible]	7.20	
	[illegible]	[illegible]	
	[illegible]	22.00	
	[illegible]	[illegible]	
	JUN 30	7.40	
	JUL 31	[illegible]	
	AUG 31	11.40	
	[illegible]	[illegible]	
	OCT 31	3.20	
	[illegible]	14.00	
	[illegible]	8.00	
[illegible]		[illegible]	

Station	Obser – vation date	Amount since last obs.	Snow on ground
ISLAND OF MAUI			
	1974		
HAELAAU 477	JAN 31	18.00	
	FEB 28	6.00	
	MAR 31	9.00	
	APR 27	8.00	
	JUN 1	8.00	
	JUN 29	5.00	
	JUL 27	8.00	
	AUG 31	7.20	
	SEP 28	5.20	
	OCT 26	7.20	
	NOV 30	27.00	
	DEC 29	8.00	
TOTAL		116.60	
	1974		
HONOLUA FLD 49 494	JAN 31	6.88	
	FEB 28	2.55	
	MAR 30	11.60	
	APR 30	3.20	
	MAY 31	1.89	
	JUN 29	1.06	
	JUL 31	1.89	
	AUG 30	1.48	
	SEP 30	.64	
	OCT 31	2.84	
	NOV 27	6.90	
	DEC 31	1.97	
TOTAL		42.90	

Station	Obser – vation date	Amount since last obs.	Snow on ground
ISLAND OF MAUI (CONTINUED)			
	1974		
KUKUI 380	JAN 31	36.00	
	MAR 3	12.00	
	MAR 30	18.00	
	APR 27	28.00	
	JUN 1	36.00	
	JUN 29	6.00	
	JUL 27	22.40	
	AUG 31	6.08	
	SEP 28	18.40	
	OCT 26	52.80	
	NOV 30	42.30	
	DEC 26	26.00	
TOTAL		303.98	
	1974		
MOKUPEA 475	JAN 31	14.15	
	FEB 28	2.12	
	MAR 30	13.35	
	APR 30	7.20	
	MAY 31	4.70	
	JUN 29	2.75	
	JUL 31	4.70	
	AUG 30	3.07	
	SEP 30	.52	
	OCT 31	5.48	
	NOV 27	11.70	
	DEC 31	5.67	
TOTAL		75.41	
	1974		
PUU PAKI	MAR 31	29.00	
	JUN 30	32.00	
	AUG 15	13.00	
	SEP 30	7.00	
TOTAL		81.00	
	1974		
WAILUA IKI #6 348	MAR 31	61.00	
	AUG 15	18.00	
	SEP 30	11.00	
	DEC 31	76.00	
TOTAL		166.00	

See reference notes following Station Index.

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
										No. of Days								Snow Sleet			No. of Days		
										Max.		Min.											
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max Depth on Ground	Date	10 or More	50 or More	1.00 or More
HAWAII																							
* * * MARCH 1974																							
MOLOKAI AP 524	80.8	63.4	72.1		89	24+	58	10		0	0	0		5.13		2.85	13	.0	0		6	4	1
* * * MAY 1974																							
MOLOKAI AP 524	83.2	67.4	75.3		88	11	62	25		0	0	0		1.80		.77	16	.0	0		5	1	0
* * * JUNE 1974																							
KAANAPALI AP 453.1	84.2	69.8	77.0		86	26+	67	28+		0	0	0		.04		.02	29	.0	0		0	0	0
* * * SEPTEMBER 1974																							
HANA AIRPORT 355	87.6M	69.2M	78.4M		90	25+	67	22+		4	0	0				.34	12	.0	0		6	0	0

See Reference Notes Following Station Index

LATE REPORTS
MONTHLY SUMMARIZED STATION AND DIVISIONAL DATA

Station	Temperature													Precipitation									
									No. of Days									Snow, Sleet			No. of Days		
									Max.		Min.												
	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More	.50 or More	1.00 or More
PACIFIC																							
* * * APRIL 1974																							
LELE I. KUSAIE	87.6	75.2	81.4	.5	90	28+	73	15+		6	0	0	0	18.00	- 5.22	3.40	12	.0	0		23	15	5
* * * MAY 1974																							
LELE I. KUSAIE	88.2M	74.9M	81.6M	.4	91	8	69	16		8	0	0	0			1.72	27	.0	0		18	6	3
SWAINS ISLAND	87.2M	70.0M	78.6M		90	6	67	27+		1	0	0	0	9.31		3.02	11	.0	0		11	6	3
WOLEAI ATOLL	89.7M	74.5M	82.1M		91	27+	72	29+		22	0	0	0			1.42	16	.0	0		14	5	1
* * * JUNE 1974																							
ENIWETOK	87.8	76.1M	82.0M	- .8	91	26+	70	8		3	0	0	0	5.39	1.45	.90	30	.0	0		11	5	0
KAPINGAMARANGI ATOLL	88.0		M		91	2				6	0	0	0	14.21		5.47	6	.0	0		12	9	3
SWAINS ISLAND	87.4	70.2	78.8		89	24+	65	1		0	0	0	0	1.98		.65	28	.0	0		6	1	0
SAIPAN USCG LORAN	88.1	75.7M	81.9M		90	25+	73	30+		3	0	0	0	5.76		1.14	30	.0	0		16	3	2
WOLEAI ATOLL	88.3M	71.5M	79.9M		91	3	67	11		8	0	0	0			3.70	6	.0	0		18	6	3
* * * JULY 1974																							
FALALOP I, ULITHI	84.1M	M	M		88	7+	72	1		0	0	0	0	6.41		.93	2	.0	0		13	6	0
* * * SEPTEMBER 1974																							
FALALOP I, ULITHI	82.4	75.6M	79.0M		87	28	69	19		0	0	0	0	5.23		.99	19	.0	0		11	4	0
METALANIM	87.4		M		91	22+				5	0	0	0	12.45		1.73	15	.0	0		18	12	2
* * * OCTOBER 1974																							
FALALOP I, ULITHI	82.2	76.1M	79.2M		86	5+	70	18		0	0	0	0	12.33		2.35	8	.0	0		19	8	3
METALANIM	86.8M	73.5M	80.2M		91	25	68	18+		5	0	0	0	17.58		4.02	6	.0	0				
* * * NOVEMBER 1974																							
METALANIM	86.7		M		91	11				2	0	0	0	13.04		2.30	9	.0	0		20	10	3

See Reference Notes Following Station Index

LATE REPORTS
DAILY PRECIPITATION

Station		Total	Day of Month																														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HAWAII																																	
* * *																																	
JANUARY 1974																																	
KOLOA MAUKA 994	A	2.15	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.15	*	*
* * *																																	
FEBRUARY 1974																																	
KOLOA MAUKA 994	A	7.11	*	*	*	*	4.31	*	*	*	*	*	*	1.74	*	*	*	*	*	*	.19	*	*	*	*	*	*	.87	*	*			
* * *																																	
MARCH 1974																																	
KOLOA MAUKA 994	A	8.71	*	*	*	*	1.82	*	*	*	*	*	*	4.64	*	*	*	*	*	.65	*	*	*	*	*	*	1.60	*	*	*	*	*	*	
MOLOKAI AP 524		5.13		.53	.08	.01	T	.10					.02		2.85	.21	T			.03					.50	T					.80	T		
* * *																																	
APRIL 1974																																	
KOLOA MAUKA 994	A	22.38	.26	*	*	*	*	*	*	6.30	*	*	*	*	*	*	3.82	*	*	*	*	*	*	10.35	*	*	*	*	*	*	1.65			
NIU RIDGE 1035		2.37					.20		.31					.15				.21			.35	.70	.20		.25									
* * *																																	
MAY 1974																																	
KOLOA MAUKA 994	A	11.12	*	*	*	*	*	*	.93	*	*	*	*	*	*	5.85	*	*	*	*	*	*	3.04	*	*	*	*	*	1.30	*	*	*		
MOLOKAI AP 524		1.80	T	T		T			.10	T		.10	.22	T		.01	.48	.77	T			.04	.02						.06					
MOUNT WAIALEALE 1047	R	41.56	.94	.47		.12	.39	.67	.39	.32	1.77	1.81	1.73	.87	4.09	6.42	1.46	5.94	3.66	.83	1.57	.91	.35	2.68	.63	.12	.98	.47	.63	.55	.43	.32	.04	
* * *																																	
JUNE 1974																																	
KAANAPALI AP 453.1		.04	.01	T																	.03						.01			.02			
KEAWAKAPU BEACH 260.2		.80		.15																										.62			
KOLOA MAUKA 994	A	5.48	*	*	*	1.80	*	*	*	*	*	*	1.49	*	*	*	*	*	*	.60	*	*	*	*	*	*	1.59	*	*	*	*	*		
MOUNT WAIALEALE 1047	R	37.93	.59	2.13	.79	1.38	1.50	.55	1.81	1.10	.32	3.31	.08		.08	3.15	1.34	.04		.32	.98	.35	1.81	.59	2.05	.59	.63	.51	3.54	2.95	2.09	3.35		
* * *																																	
JULY 1974																																	
MOUNT WAIALEALE 1047	R	35.08	.51	1.10	.87	.12	.63	1.42	2.72	1.14	.28	.08	.35	3.54	4.33	2.09	.98	.47	1.10	2.13	1.42	.12	.04	1.81	.91	1.10	.59	1.77	1.97	.04	.35	.39	.51	
* * *																																	
AUGUST 1974																																	
KALAUPAPA 563	A	.46											.03	.02	.01	.06	.07				.23	.01		.03									
MOUNT WAIALEALE 1047	R	16.20	.20	.32	1.14	.12	.16	2.40	.75	.35	1.46	.59	1.97	1.93	.16	.28	.55	....	.12	.20	.47	.28	.39	.43	1.65	.08	.08	.08					
PUU LAAU 102.1	A	4.20	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.20
* * *																																	
SEPTEMBER 1974																																	
HANA AIRPORT 355		-	.16	.06	T		T		.12	T		.10	-	.34	-	-			T		T	T	T					.10	.21	-	-	.01		

See reference notes following Station Index.

LATE REPORTS
DAILY PRECIPITATION

Station	Total	Day of Month																												
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
[illegible]																																
• • •																																
APRIL 1974																																
[illegible] SATP	18.00	.71	.63	.51	.15	.11	.76		.65	.07	1.27	.99	3.40	.48	.52	1.50	.06	.13	.08	.19	.11	.19	.27	.54	.53	.92	.08		.07	1.51	1.57	.
• • •																																
MAY 1974																																
[illegible]	-	.10		.77		.18	.16	.16	.23	1.08	.03	.78	.06	.01	.07	1.21	.39	.06	.02		.09	.40	.11	.10	.22	-	.31	1.72	.02		.98	.31	.
SWAINS ISLAND	9.31	.02	.15	.59	.07	.17	.05	.16				3.02	.05	.08		.02		.37					1.34	.06	.08	.85	.83	1.22		.12	.06		.
WOLEAI ATOLL	-						.85		.16				.14	.12	.13		1.42			-	.86		.95	.42	.75	.10	.44	.36		.40			.
• • •																																
JUNE 1974																																
ENIWETOK	5.39	.09		.36	.01	.11	.47				.08	.55	.55		.45	.60	.54	.03	.08	.01	.03	.18					.29	.01	.04	.05	.90		.
KAPINGAMARANGI ATOLL	14.61				.41	.85	5.47		.77	.03	1.39	.12		.07	.64	.07			.82	.07			.08	.03	.94			.08	.24	1.91	.52		.
SWAINS ISLAND	1.98	.02	.02		.05					.22		.19	.06		.05				.03		.02	.15	.06		.02			.25	.65		.19		.
SAIPAN [illegible]	5.74	.10	.05	.20	.33	.20	.04	.23	.23		.11		.16	.20	.01		.06	.13	.02	.14	.14		.02	.03	.25	.58				.39	1.14		.
WOLEAI ATOLL	-	.21			.66	1.63	3.70	.39	.07	.24	.99	.27	.19	.39	.30	.06	.21			.74	.10	.46	1.00	.35						.17	-		.
• • •																																
JULY 1974																																
KWAJALEIN [illegible]	6.41	.66	.93	.03	.20	.05	.17			.48		.82	.24		.14			.03	.81	.36	.67	.19	.07								.50	.06	.
• • •																																
SEPTEMBER 1974																																
KWAJALEIN [illegible]	5.23			.55		.53	.93	.39	.05				.16		.04	.04		.11	.39	.99		.12		.41		.39		.07	.04	.02			.
METALANIM	12.45	.35	.08		.12	.84	.90		.45	.01		.50	.48	1.46		1.73	.30		.57	.80	.50	.07		.78	.62	.41	.80	.01	.05	.61	.01		.
• • •																																
OCTOBER 1974																																
KWAJALEIN [illegible]	12.33					.14	.41	.38	2.35	.60		.65	1.52	.41	.22	.24	.02	.29		.60	2.32		.06	.16	.02	.07	.52	.12	.35	.58	.23	.07	.
METALANIM	17.58	.13	.65	.10	.98	.94	4.02	1.30	.93	.18	1.19	.28	.20	.77	.01	.25		2.00	.16			•	•	•	1.30			.50	.30	.51	.25	.63	.
• • •																																
NOVEMBER 1974																																
METALANIM	13.04	.65	1.94	.06	.01	.40	.26	.60	.90	2.30			.45	1.30	.30	.03	.60	.58	.17	.03	.04	.19	.17		.73	.15	.12	.02	.07	.67	.30		.

See reference notes following Station Index.

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
HAWAII	MAX																															
	MIN																															
* * *	MAX																															
	MIN																															
MARCH 1974	MAX																															
	MIN																															
MOLOKAI AP 524	MAX	78	78	78	82	78	77	78	81	81	82	81	80	81	79	78	78	80	79	82	83	81	83	89	89	80	79	82	84	81	83	81	80.8
	MIN	60	63	59	64	66	67	65	61	61	58	59	65	67	65	62	59	60	65	66	66	65	72	69	61	62	61	60	60	66	65	66	63.4
* * *	MAX																															
	MIN																															
APRIL 1974	MAX																															
	MIN																															
NIU RIDGE 1035	MAX	80	80	81	82	81	81	80	80	81	80	82	81	81	82	80	80	81	77	78	80	81	81	79	78	78	79	78	79	80	81		80.1
	MIN	60	58	59	61	64	60	59	60	63	61	62	63	61	60	62	60	60	61	63	64	63	62	64	59	56	59	61	60	58	62		60.8
* * *	MAX																															
	MIN																															
MAY 1974	MAX																															
	MIN																															
MOLOKAI AP 524	MAX	81	81	84	81	85	87	84	83	82	82	88	82	82	81	82	79	85	82	80	82	83	83	84	85	87	84	85	83	84	83	84	83.2
	MIN	68	67	73	67	69	68	68	69	69	67	66	67	69	69	68	63	69	69	69	70	69	68	69	63	62	64	66	65	66	67	67	67.4
* * *	MAX																															
	MIN																															
JUNE 1974	MAX																															
	MIN																															
KAANAPALI AP 453.1	MAX	82	84	85	85	85	86	85	86	85	85	85	84	83	83	83	82	83	82	85	84	85	85	84	86	85	86	85	83	82	82		84.2
	MIN	70	70	70	72	68	70	69	70	71	71	67	67	71	71	69	69	69	68	70	72	73	72	74	71	70	68	67	67	68	69		69.8
KEAWAKAPU BEACH 260.2	MAX	87	82	86	91	90	89	87	93	92	90	93	90	92	87	92	88	88	89	89	90	92	92	93	89	90	91	88	90	86	88		89.5
	MIN	65	66	64	64	65	66	68	66	64	63	65	64	66	65	67	69	67	67	68	66	66	65	65	65	64	65	63	64	65	67		65.5
* * *	MAX																															
	MIN																															
SEPTEMBER 1974	MAX																															
	MIN																															
HANA AIRPORT 355	MAX	87	87	86	80	88	87	88	88	88	88		88			88	89	87	87	90	90	88	88	89	90	90	89	84			87		87.6
	MIN	70	68	69	69	69	68	69	69	70	71		71			69	69	69	67	68		71	67	70	69	70	69	69			70		69.2
	MAX																															
	MIN																															
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	MAX																															
	MIN																															

See Reference Notes Following Station Index

LATE REPORTS
DAILY TEMPERATURES

Station		Day of Month																													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
PACIFIC	MAX																														
	MIN																														
* * *	MAX																														
	MIN																														
APRIL 1974	MAX																														
	MIN																														
CELE I. KUSAIE	MAX	88	85	86	88	90	90	88	88	90	87	86	86	86	87	85	88	85	87	87	88	90	89	90	89	88	85	88	90	86	88		87.6
	MIN	73	74	74	78	76	76	76	76	76	74	74	74	76	75	73	75	75	75	76	75	77	76	76	76	75	75	75	74	74	74		75.2
* * *	MAX																														
	MIN																														
MAY 1974	MAX																														
	MIN																														
CELE I. KUSAIE	MAX	86	89	89	90	90	88	90	91	84	85	85	88	88	88	87	86	87	87	87	90	90	88	89	90		89	89	90	88	88	89	88.2
	MIN	78	75	76	71	73	71	73	77	74	77	73	72	74	70	75	69	77	75	78	77	77	75	75	77		79	74	76	77	76	76	74.9
SWAINS ISLAND	MAX	89	86	87	87	86	90	88	89	88	86	85	88	88	89	87	87	84	88	88	88	88	88	87	86		84	83	89	86	87	89	87.2
	MIN	71	69	70	70	70	72	70	71	70	69	69	71	71	71	70	70	68	71	70	70	71	71	70	69		67	67	71	70	70	71	70.0
WOLEAI ATOLL	MAX	90	88	89		90	91	90	91	90	90	91	91	91	91	86	86	90	90		88	88	90	90	90	91	90	91	90	90	89	89.7
	MIN	74	74	79	73	72	73	79	73	74	74	77	74	75	76	73	74	74	72		73	75	75	74	75	75	77	76	75	72	74	73	74.5
* * *	MAX																														
	MIN																														
JUNE 1974	MAX																														
	MIN																														
ENIWETOK	MAX	88	88	87	87	88	88	87	88	89	89	89	86	88	85	85	86	87	88	89	89	86	87	88	89	91	91	90	87	88	87		87.8
	MIN	79	80	72	80	73	76		70	76	79	76			75	74	75	74	76	77	78	73	80	74	80	77	77	72	80	76	76		76.1
KAPINGAMARANGI ATOLL	MAX	88	91	89	88	84	86	87	89	90	85	85	88	88	85	88	89	90	87	88	89	89	90	89	87	87	89	88	90	90	86		88.0
	MIN																																
SWAINS ISLAND	MAX	81	88	89	88	89	89	88	87	87	86	88	87	87	88	89	87	87	88	88	88	84	87	89	89	88	87	87	87	88	87		87.4
	MIN	65	71	71	71	71	71	71	70	70	69	71	70	70	71	71	70	70	70	71	71	68	70	71	71	70	70	70	70	71	70		70.2
SAIPAN USCG LORAN	MAX	89	88	88	86	88	87	87	87	87	87	87	86	88	88	88	89	89	89	88	88	88	89	90	90	90	89	89	89	88	86		88.1
	MIN	76	78	78	77	77	77	78	76	78	74	79	74	74	75	76	74	74	74		73	75	74	74	75	75	76	79	74	77	73		75.7
WOLEAI ATOLL	MAX	89	87	91	90	83	82	87	89	89	88	87	88	87	88	88	88	88	89	90	87	90	88	90	90	90	89	89	90	89			88.3
	MIN	74	78	71	71	75	71	70	72	71	73	67	71	70	70	71	72	71	73	71	70	72		72	70	71	72	71	73	70			71.5
* * *	MAX																														
	MIN																														
JULY 1974	MAX																														
	MIN																														
FALALOP I., ULITHI	MAX	85	83		84	83	88	88	82	86	85	86	87	86	81	86		85		82		82	85	83	83	82	83	87	85	82	81	81	84.1
	MIN	72	79	75	76	79	76	75	79	82	81	77	77	77	73	76	75	75	75	73	75												
* * *	MAX																														
	MIN																														
SEPTEMBER 1974	MAX																														
	MIN																														
FALALOP I., ULITHI	MAX	82	84	84	82	84	81	83	80	82	83	84	82	81	80	80	81	78	81	76	81	83	84	84	84	85	84	84	87	86	82		82.4
	MIN	76	76	74	78	74	76	76	76	76	78	78	72	79	79	75	78		76	69			74			75	75	74			75		75.6
METALANIM	MAX	88	89	86	87	85	88	84	91	88	90	89	88	87	87	90	85	87	89	87	86	85	91	90	88	88	86	85	88	82	88		87.4
	MIN																																
* * *	MAX																														
	MIN																														
OCTOBER 1974	MAX																														
	MIN																														
FALALOP I., ULITHI	MAX	83	84	84	86	86	84	84	84	80	82	84	81	80	80	80	80	82	80	84	79	79	82	82	82	82	83	82	82	82	82	82	82.2
	MIN	75	72	72	80	80		76	76	72	72	75		72	79		76	78	70	79	76	76	79	78	79	78	77	79	74	78	78	76	76.1
METALANIM	MAX	90	89	83	86	83	79	80	80	86	87	89	87	88	86	87	89	90	87	88	89				90	91	88	86	90	87	87	88	86.8
	MIN	74	73	74	73	72	71	75	70	70	70	70	73	71	70	70	70	68	68	74	80				79	80	77	76	71	79	80	79	73.5
* * *	MAX																														
	MIN																														
NOVEMBER 1974	MAX																														
	MIN																														
METALANIM	MAX	88	88	85	88	88	87	87	88	87	87	91	90	81	83	87	87	87	86	83	80	87	88	87	89	86	88	87	87	87	88		86.7
	MIN																																
	MAX																														
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See Reference Notes Following Station Index

CORRECTIONS

DATE	TABLE	DIVISION	STATION	CORRECTION
OCTOBER 1974	DAILY PRECIPITATION	OAHU	KAILUA FIRE STATION	TOTAL 2.31 AMOUNT ON 9TH, .11; 10TH, .11; 11TH, .15; 16TH, .22.

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N.C. 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY [illegible] HAWAII.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F., precipitation and evaporation in inches, and wind movement in miles. In "Supplemental Data" table directions entered in figures are tens of degrees. Resultant wind is the vector sum of wind directions and speeds divided by the number of observations.

OBSERVATION TIME: Data in the "Monthly Extremes," "Daily Precipitation" table, "Daily Temperature" table, and "Evaporation and Wind" table are for the 24 hours ending at time of observation unless indicated otherwise by reference letters in the Station Index. The Station Index shows observation time in local standard time.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological standard normals based on the period 1941-1970.

STATION NAMES: Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried only in the June and December issues of this bulletin.

INTERPOLATED VALUES for monthly precipitation totals may be found in the annual issue of this publication.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- – No record in the "Supplemental Data" table, "Daily Precipitation" table, "Evaporation and Wind" table, and the Station Index.

  No record in the "Monthly Summarized Data" table and the "Daily Temperature" table is indicated by no entry.

- + And also on an earlier date or dates.

- — Highest observed one minute windspeed. This station is not equipped with an instrument to measure fastest mile data.

- * Amount included in following measurement, time distribution unknown.

- < Maximum and minimum temperatures are the highest and lowest hourly readings for each day.

- A The letter "A" shown following station name in "Monthly Summarized Data" table, "Daily Precipitation" table, and "Station Index," indicates amount carried in the "Total" column is for the period from last measurement of a preceding month through the last measurement of the current month. See "Daily Precipitation" table of this and previous bulletins for dates of measurement. Where gages are read only once monthly, measurements made on the first of a month are credited to the last day of the preceding month.

- B Adjusted to a full month.

- M One or more days of record missing; if average value is entered, less than 10 days record is missing. See "Daily Temperature" table for detailed daily record.

- R Amounts from recording gage.

- T Trace, an amount too small to measure.

- V Includes total for previous month.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- AR Observation made after rain.

- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly Precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Monthly Summarized Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.

- J "Supplemental Data" table.

- MO Gage read once monthly; usually on the last day.

- OC Gage readings at periods varying from a few weeks to several months.

- S Storage Precipitation Station. Precipitation measurements, made at irregular intervals, are published in the December issue, or as late reports in the June issue of this publication.

- SS Observation time is near sunset.

- VAR Observation time is variable.

- WI Gage read weekly or irregularly only.

- WM Gage read weekly and last day of month.

- # Thermometers are generally exposed in a shelter located a few feet above sod-covered ground; however, this reference indicates that the thermometers are exposed in a shelter located on the roof of a building.

‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH CENTRAL 4-WESTERN 5-NORTH CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL

Stations appearing in the tables with no data were either missing or received too late to be included in this issue.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

General weather conditions in the U.S. for each month are described in the CLIMATOLOGICAL DATA NATIONAL SUMMARY and STORM DATA.

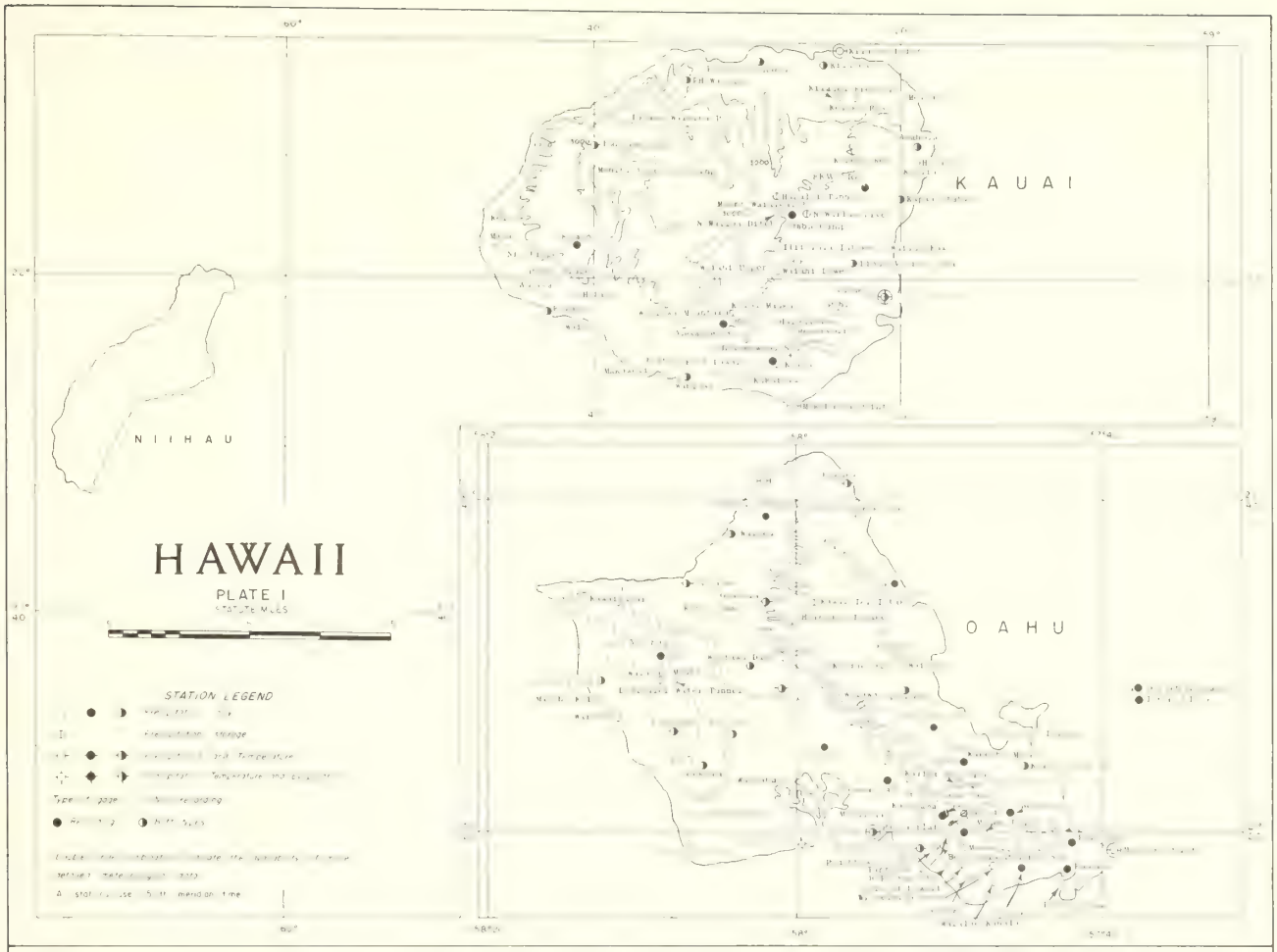
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

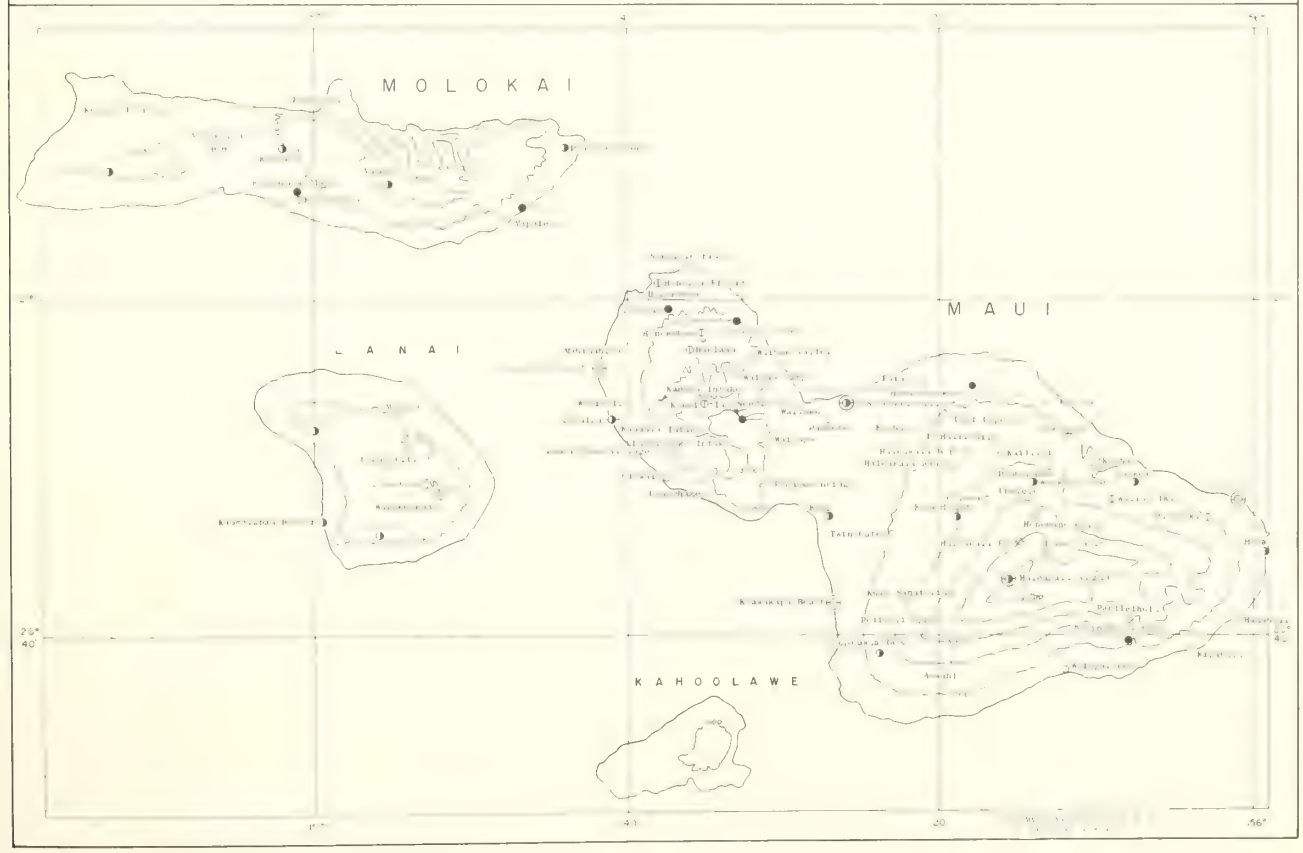
Subscription Price: $4.50 a year for each section including annual summary; $4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

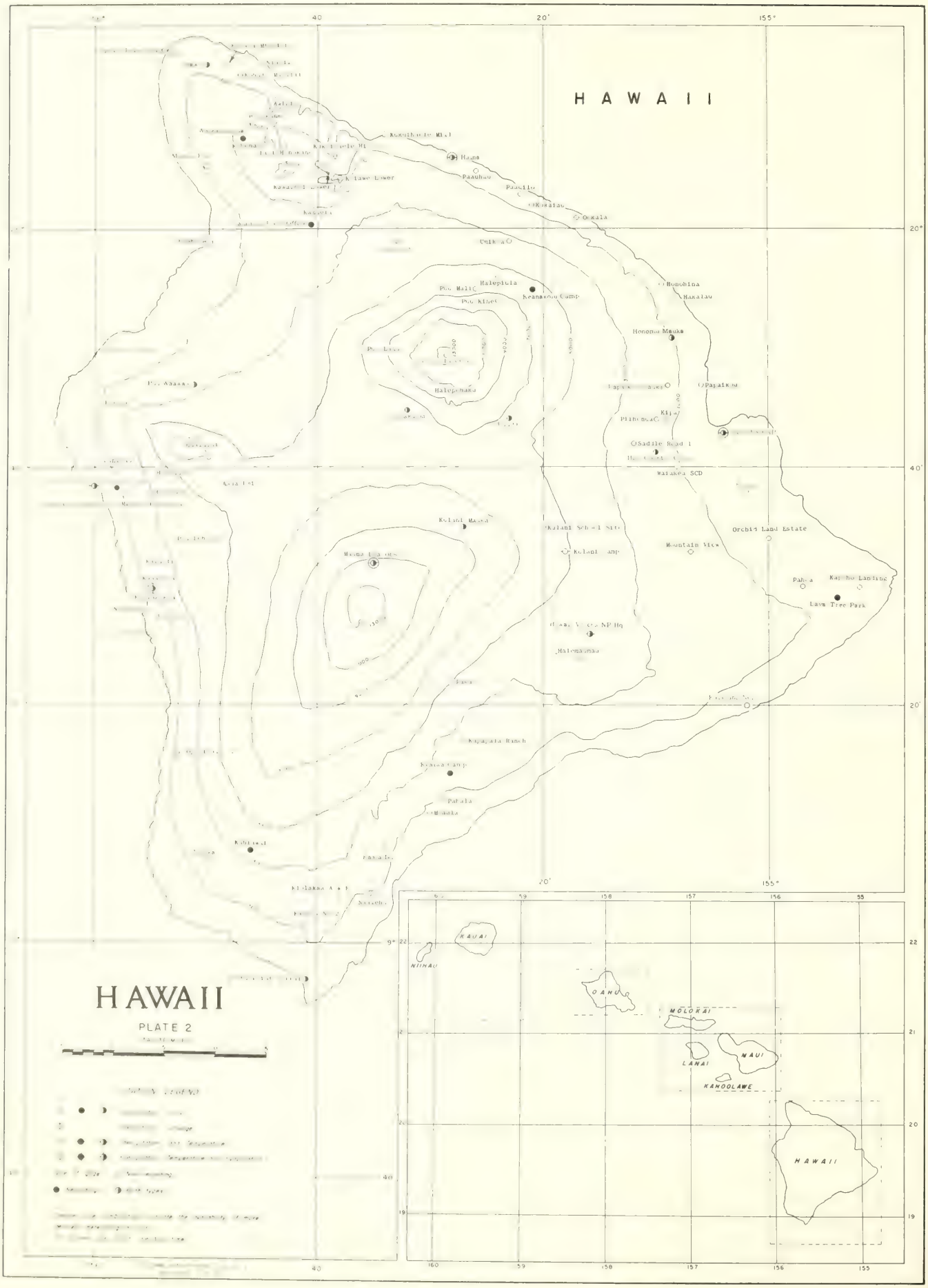
I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

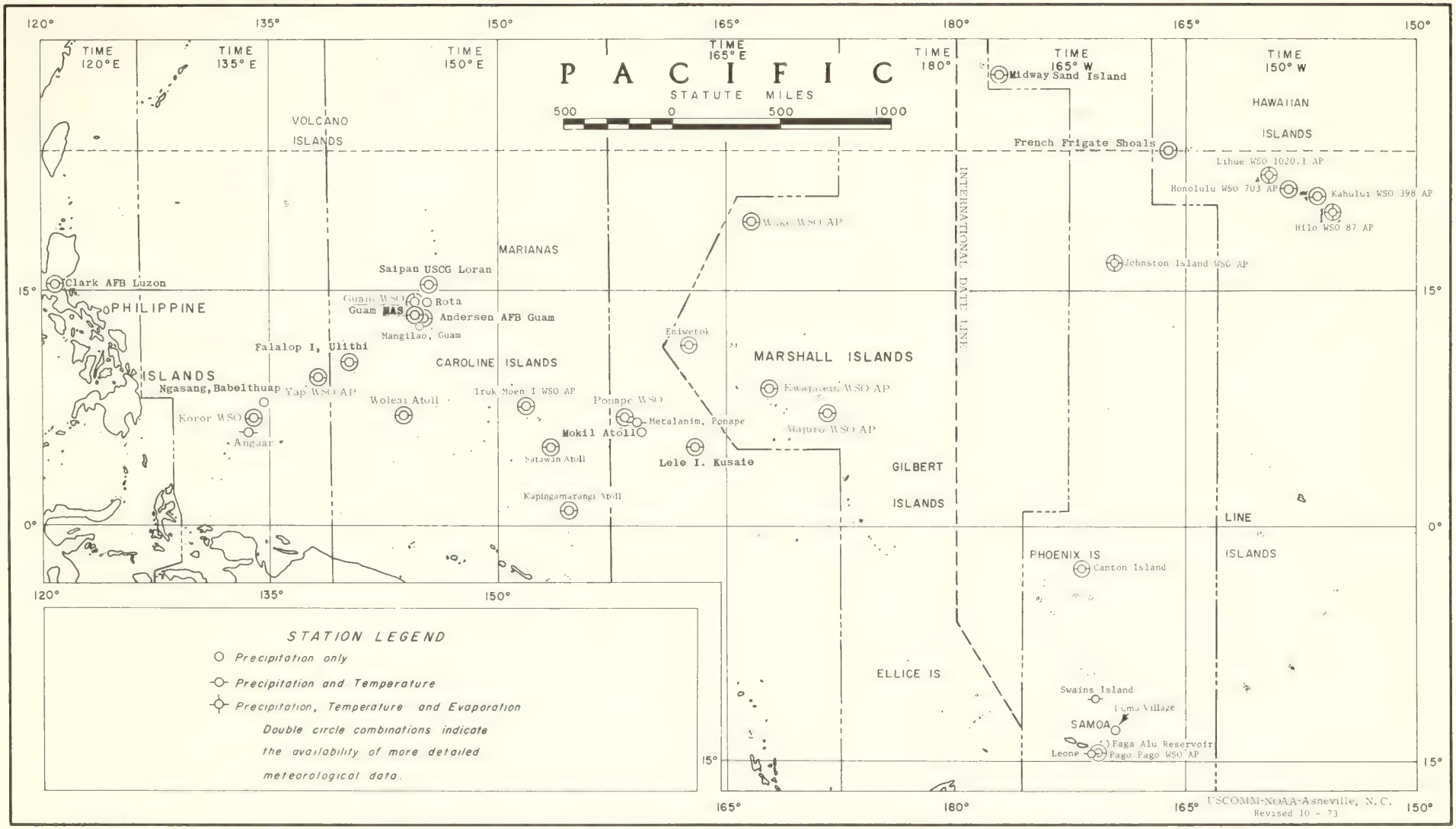
William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 4/4/75-1000

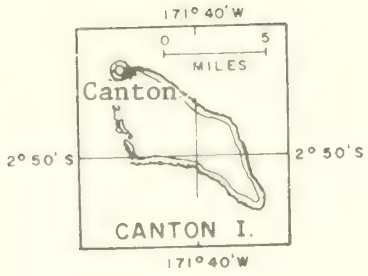

KAUAI
NIIHAU
HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
OAHU

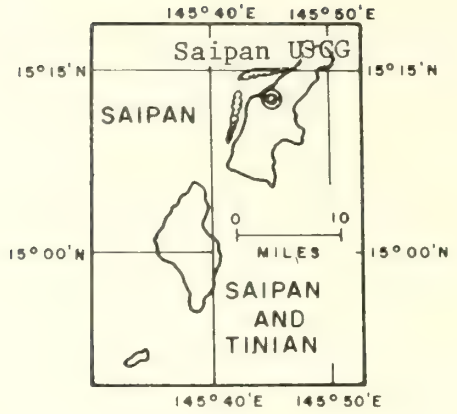

MOLOKAI
LANAI
MAUI
KAHOOLAWE

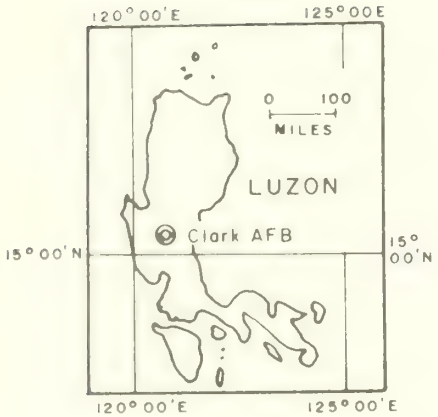

HAWAII
Hana
Paauhau
Pauuilo
Honokaa
Waimea
Kawaihae
Halepiula
Keanakoa Camp
Honomu
Hakalau
Honohina
Honomu Mauka
Papaikou
Saddle Road 1
Waiakea SCD
Orchid Land Estate
Mountain View
Kalani School Site
Kalani Manor
Kalani Camp
Pahoa
Kapoho Landing
Lava Tree Park
Halemaumau
Kaiwiki Ranch
Kaiwiki Camp
Pahala
Kahuku
Kaalaiki A & P
Naalehu
HAWAII
PLATE 2
KAUAI
NIIHAU
OAHU
MOLOKAI
LANAI
MAUI
KAHOOLAWE
HAWAII

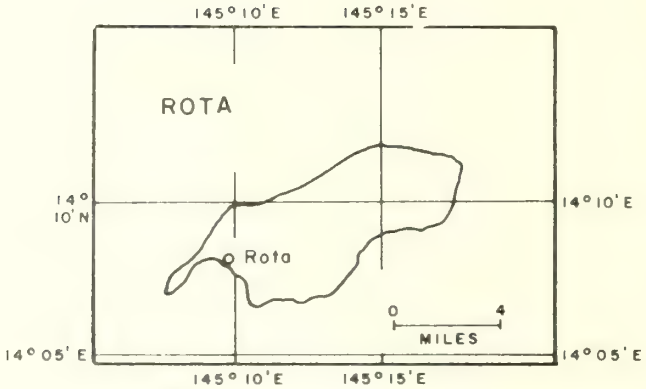


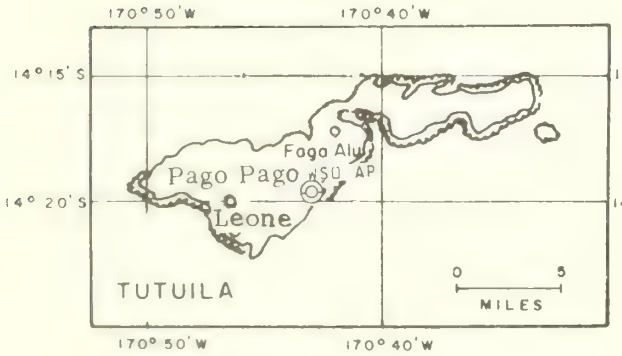
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

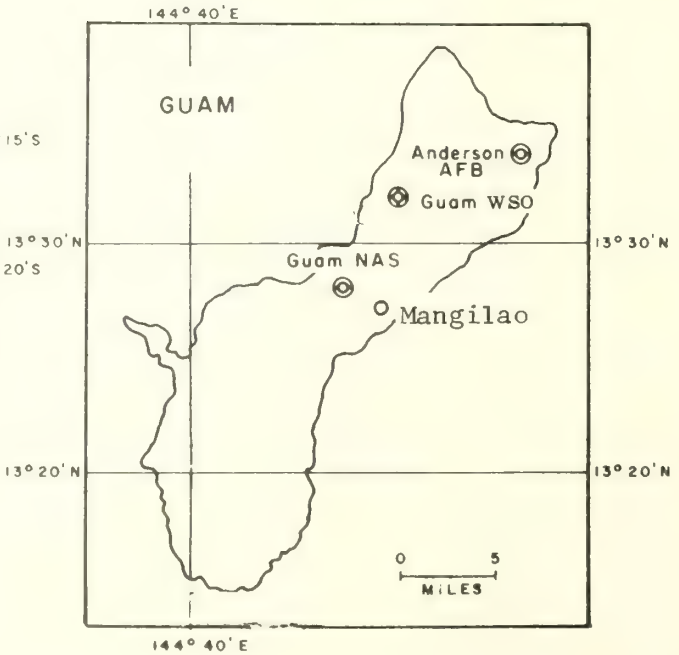

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

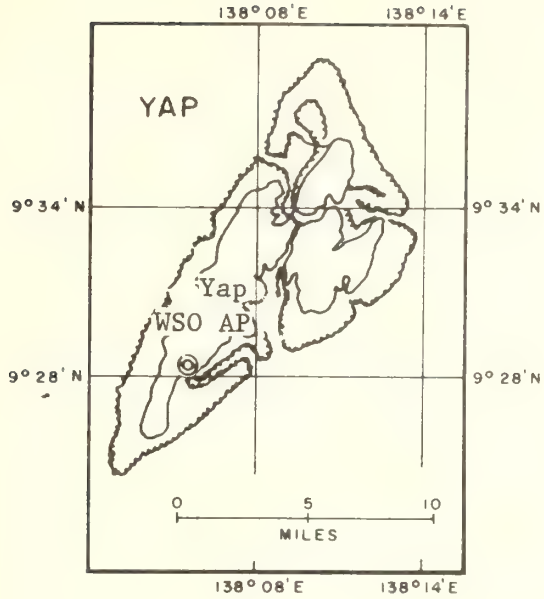

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

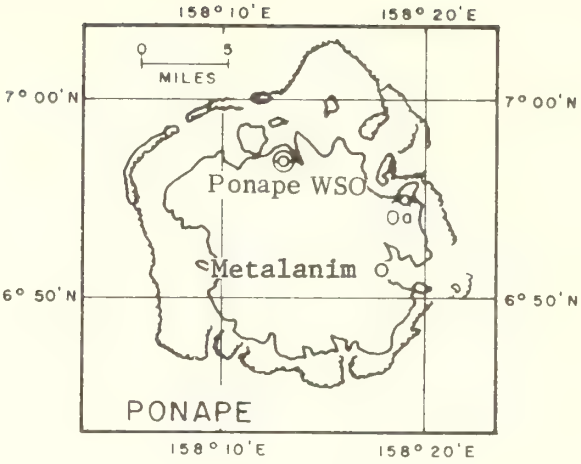

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

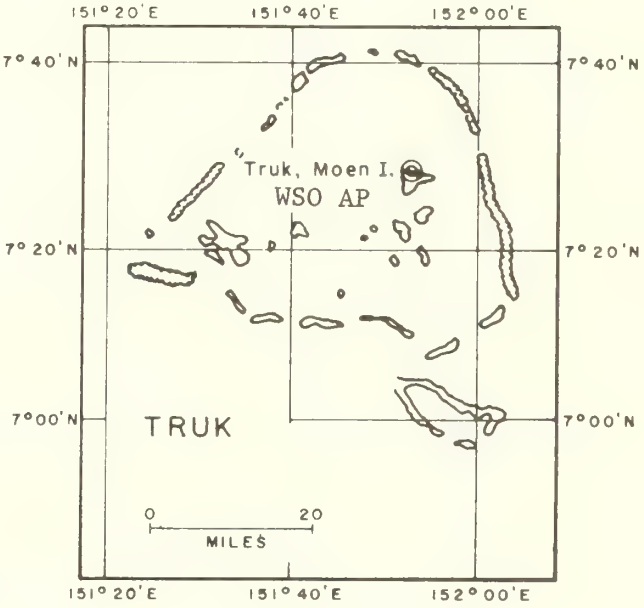

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago NSU AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

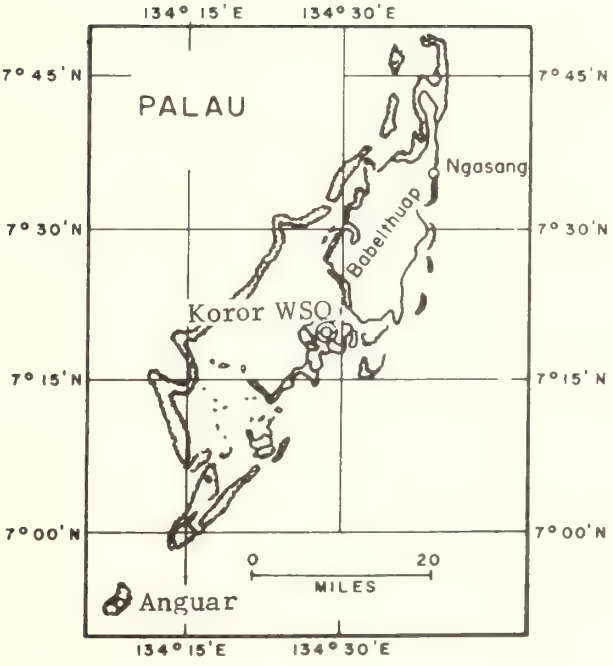

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

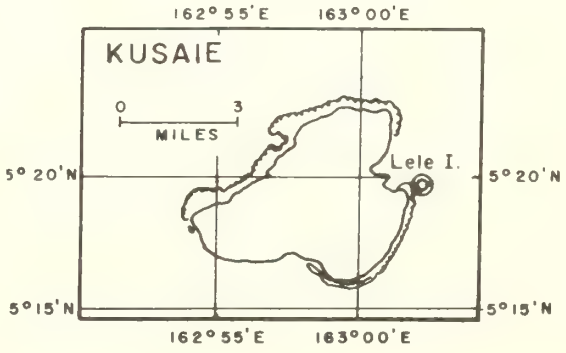
Reef


138°08'E
138°14'E
YAP
9°34'N
9°28'N
Yap
WSO AP
0
5
10
MILES

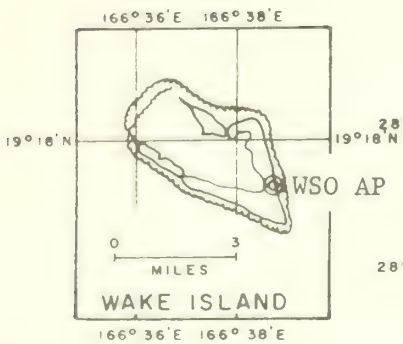

158°10'E
158°20'E
0
5
MILES
7°00'N
6°50'N
Ponape WSO
Metalanim
PONAPE

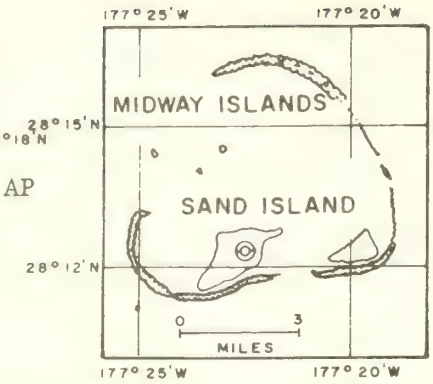

151°20'E
151°40'E
152°00'E
7°40'N
7°20'N
7°00'N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

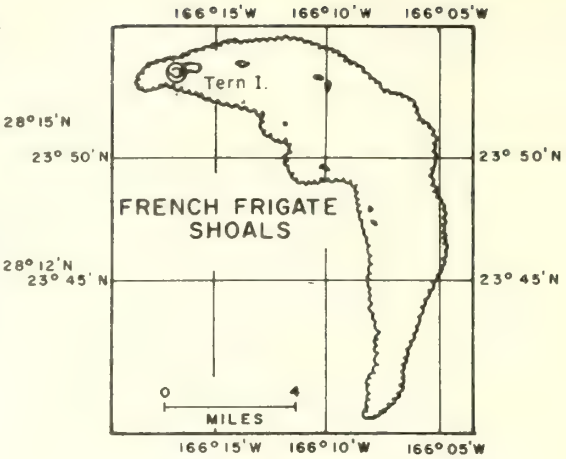

134°15'E
134°30'E
7°45'N
7°30'N
7°15'N
7°00'N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

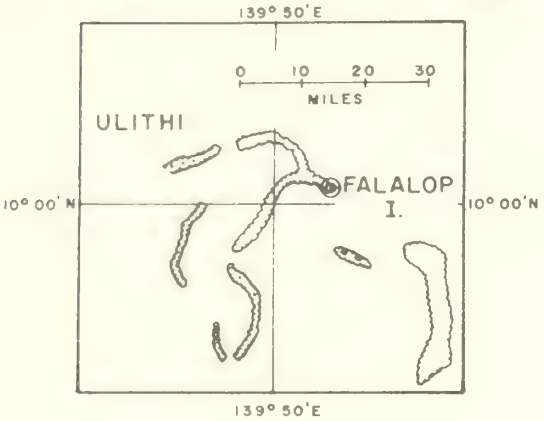

162°55'E
163°00'E
KUSAIE
0
3
MILES
5°20'N
5°15'N
Lele I.

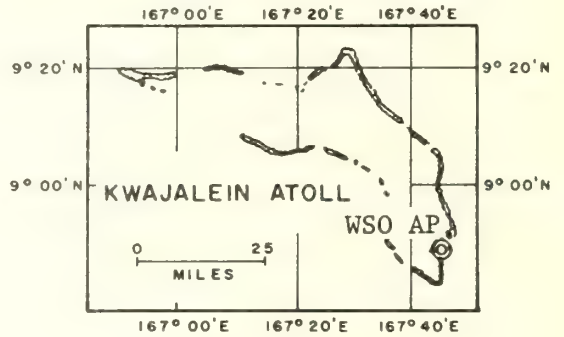
— Reef

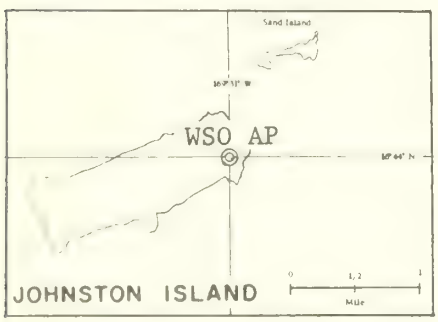

166° 36'E
166° 38'E
19° 18'N
WSO AP
0
3
MILES
WAKE ISLAND

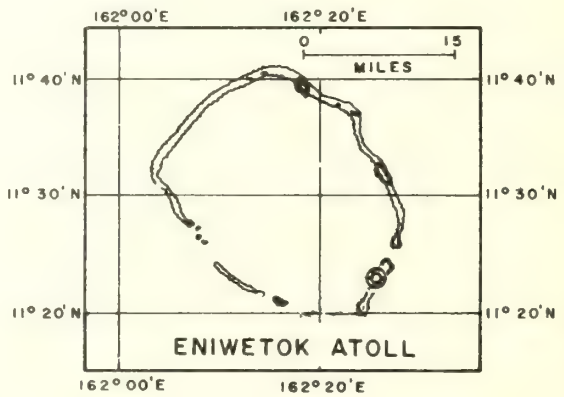

177° 25'W
177° 20'W
MIDWAY ISLANDS
28° 15'N
28° 12'N
SAND ISLAND
0
3
MILES

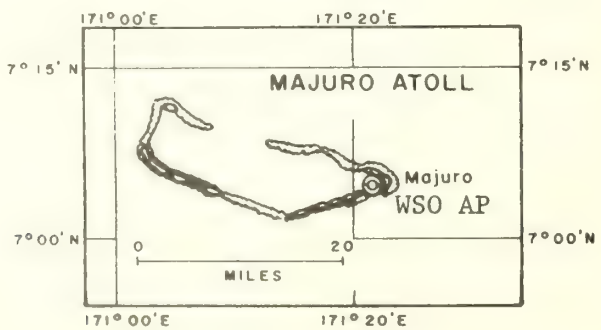

166° 15'W
166° 10'W
166° 05'W
Tern I.
23° 50'N
23° 45'N
FRENCH FRIGATE
SHOALS
0
4
MILES


139° 50'E
0
10
20
30
MILES
ULITHI
FALALOP
I.
10° 00'N


167° 00'E
167° 20'E
167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0
25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
Mile


162° 00'E
162° 20'E
0
15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E
171° 20'E
7° 15'N
7° 00'N
MAJURO ATOLL
Majuro
WSO AP
0
20
MILES

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THIRD CLASS



CLIMATOLOGICAL DATA

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
ENVIRONMENTAL DATA SERVICE

HAWAII AND PACIFIC

ANNUAL SUMMARY 1974
Volume 70 No. 13

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Table 1

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
HAWAII																										
* * *																										
ISLAND OF KAUAI																										
KANALOHUĆUMULU 1075	57.5		56.9		58.1		59.8		61.5		62.8		63.8		64.5		62.6		63.2		58.6		58.2		60.6	
KILAUEA POINT 1133	74.8M		-		-		-		-		-		-		-		-		-		-		-		-	
LIHUE WSO 1020.1 AP	74.4	3.2	74.5	3.3	73.5	1.8	75.9	2.6	76.9	1.4	78.6	1.1	79.0	.6	80.0	.9	79.9	1.1	79.3	2.0	75.9	.7	75.9	3.4	77.0	1.9
MAKAHUENA POINT 940.1	75.2M		-		-		-		-		-		-		-		-		-		-		-		-	
MANA 1026	72.9	2.2	72.5	1.7	73.1	1.8	74.2	1.3	75.2	.4	76.4	- .5	77.2	- .6	79.3	1.1	78.7	.8	78.1	1.4	74.8	.1	73.9	1.9	75.5	.9
NIU RIDGE 1035	69.0		69.0		68.5		70.5		71.3		72.8		72.9		74.3		73.5		73.4		70.8		69.7		71.3	
WAIAHI LOWER 1054	64.8		69.9		69.9		70.7		71.2		72.5		73.1		74.2		74.1		74.5		71.2		70.5		71.4	
ISLAND	68.9		68.5		68.7		70.2		71.2		72.6		73.3		74.5		73.8		73.8		70.1		69.6		71.3	
* * *																										
ISLAND OF OAHU																										
CHURCH COLLEGE LAIE	74.4		74.7		73.6		76.1		77.0		78.7		78.3		79.6		79.7M		79.3		75.1		75.1		76.8M	
EWA PLANTATION 741	M		71.9M	.8	M		74.9M	1.4	75.2M	.0	M		77.3M	- .7	79.0M	.4	M		77.1M	.3	M		M		-	
HONOLULU WSO 703 AP	74.5	2.2	74.4	2.1	74.0	1.0	77.4	2.6	78.2	1.3	79.3	.4	79.9	- .2	81.2	.5	80.0	- .4	79.5	.6	75.7	- .8	75.8	2.1	77.5	1.0
HONOLULU SUBSTA 704	74.1M	1.8	73.8	1.8	73.1M	.0	74.7	1.1	75.4M	.0	77.0	- .1	77.7	- .3	79.0M	.4	79.1	.6	77.8	.3	74.6	- 1.1	M		-	
KANEOHE MAUKA 781	73.7M	2.6	73.2	2.2	72.6	1.4	75.0	2.4	75.9	1.7	76.8	.9	77.8	1.2	77.8M	.8	78.5	1.7	78.1	2.2	75.0	1.1	74.4	2.4	75.7M	1.7
LUALUALEI 804	73.5		70.2		71.7		75.0M		74.4		76.9		78.5		80.1		M		78.0M		74.5		74.4		-	
OPAEULA 870	73.2	6.4	71.9	5.5	71.4	4.6	-		72.4	2.4	73.4	1.7	73.7	1.3	72.9	- .2	75.1	1.8	75.7	3.4	72.0	1.6	70.8	2.9	-	
PRI WAHIAWA 820.2	70.8M		70.4		69.9M		73.1M		M		M		75.7M		76.8M		M		75.8M		M		M		-	
WAIALEE 896.3	73.6		73.3		73.4M		74.6		75.8M		77.3M		77.4M		79.7		80.5		79.6M		75.2M		73.6		76.2M	
WAIALUA 847	72.1	2.0	69.6	- .1	70.0	- .1	72.4	.9	73.9	.6	75.3	- .1	75.9	- .2	77.6	1.0	78.0	1.7	77.1	1.8	73.6	.1	72.5	1.4	74.0	.7
WAIKIKI 717.2	74.6M		74.0		73.5		75.7		76.8M		78.4M		79.4		80.6		78.5		78.5M		74.7		74.8		76.6M	
WAIMANALO EXP FARM	73.6M		73.2		72.7		74.9		76.1		77.0		78.5		79.3		79.3		78.8		75.1		74.8		76.1M	
ISLAND	73.4		72.5		72.3		74.9		75.6		77.0		77.9		78.6		78.7		78.0		74.5		74.0		75.6	
* * *																										
ISLAND OF MOLOKAI																										
MOLOKAI AP 524	M		M		72.1		75.5		75.3		76.5		77.0		77.4		77.8		77.2		73.8M		73.1		-	
ISLAND					72.1		75.5		75.3		76.5		77.0		77.4		77.8		77.2		73.8		73.1		-	
* * *																										
ISLAND OF LANAI																										
LANAI CITY 672	67.7M	1.9	67.1	1.2	M		68.3M	.7	69.4M	.4	69.5M	- 1.0	70.1M	- 1.3	71.0M	- 1.1	71.5M	- .3	71.4	.5	67.7M	- 1.3	M		-	
ISLAND	67.7		67.1				68.3		69.4		69.5		70.1		71.0		71.5		71.4		67.7				-	
* * *																										
ISLAND OF MAUI																										
HALEAKALA RS 338	51.3	.3	48.7	- 1.6	50.9	.7	51.7	- .5	51.9	- 1.7	54.2	- 2.2	55.0	- 1.4	56.8	- .2	55.7	.3	55.1	.1	51.0	- 2.6	52.0	.3	52.9	- .7
HALEAKALA SUMMIT 338.4	42.2		42.6		43.4M		43.5M		45.6M		M		48.1M		51.9M		M		49.4M		M		M		-	
HANA AIRPORT 355	73.7M		73.7M		72.9M		75.3M		75.4		76.6M		77.3M		77.4M		78.4M		77.2		73.9		73.7M		75.5M	
KAANAPALI AP 453.1	73.1M		72.9		72.7		75.1M		75.8M		77.0		-		-		-		-		-		73.8M		-	
KAHULUI WSO 398 AP	73.8	2.1	73.0	1.4	72.9	.7	76.2	2.4	75.8	.4	76.7	- .4	77.0	- 1.2	78.9	.1	77.7	- .7	78.0	.7	75.2	- .1	74.6	2.0	75.8	.6
KAILUA 446	M		69.1M	1.2	M		70.6M	1.4	70.9M	.3	M		73.2M	.5	73.2M	- .1	M		73.3M	.7	M		M		-	
KEAWAKAPU BEACH 260.2	74.2		72.7		73.2		75.0M		76.2		77.5		-		-		-		-		-		73.1M		-	
KULA SANATORIUM 267	64.5	3.0	62.9	2.0	62.9	1.7	64.4	2.2	64.6	1.1	65.5	.8	66.0	.4	67.3	1.2	67.3	1.2	67.1	1.1	64.4	.0	63.3	.9	65.0	1.3
LAHAINA 361	75.1	3.6	74.6	3.1	74.3	2.4	76.2	2.9	76.6	1.7	77.4	.9	78.4	.8	79.4	1.4	79.5	1.8	79.9	2.9	76.0	.8	75.4	2.4	76.9	2.1
WAILUKU 386	M		72.7M	1.4	M		74.9M	1.9	74.8M	.1	M		77.2M	- .2	77.6M	- .4	M		77.8M	.9	M		M		-	
ISLAND	68.6		68.5		67.8		70.6		70.7		71.2		72.0		73.0		71.7		72.6		68.1		68.8		70.3	
* * *																										
ISLAND OF HAWAII																										
HAINA 214	72.7	3.0	70.9	1.1	71.4	2.0	72.6	2.4	73.3	1.5	74.7	1.1	75.7	1.2	76.4	1.4	76.6	1.5	75.8	1.5	72.9	.5	71.4	1.1	73.7	1.6
HAWAII VOLCNS NP HQ 54	60.8	2.9	58.7M	1.1	59.6M	1.8	60.0M	1.0	60.6	.2	61.8M	.1	61.9M	- .8	63.6	.4	63.1M	.1	62.5	.1	59.5	- 1.1	58.0	- .4	60.8M	.4
HILO WSO 87 AP	74.5	3.3	72.6	1.6	73.1	2.0	73.5	1.3	73.8	.2	75.3	.7	76.1	.8	76.9	1.0	77.3	1.7	76.9	1.9	73.6	.1	72.3	.7	74.7	1.3
KAINALTU 73.2	69.2		68.0		68.9		69.2		69.6		70.5		70.9		71.4		71.6		71.3		69.8		69.0		70.0	
KAMUELA 192.2	64.2		63.2		63.9		64.1		64.9		66.0		66.3		67.7		66.8		66.9		64.5		63.3		65.2	
KEAAU 92	72.3		70.4		70.8		70.9		72.0		72.4		73.6		74.7		75.2		74.3		71.6		70.4		72.4	
KOHALA MISSION 175.1	72.2	2.5	70.5	1.1	71.3	1.8	72.1	1.7	73.3	1.4	74.3	.9	75.3	1.3	75.9	1.3	76.4	1.7	75.5	1.4	72.0	.2	70.3	.1	73.3	1.3
KONA (KAILUA) 68.3	74.1M		74.4M		M		75.9M		75.8M		M		M		M		M		78.0M		M		M		-	
KULANI CAMP 79	56.1		52.5		54.3M		54.4		55.1		55.7		56.0		58.6		57.4		57.3		54.1		53.1		55.4M	
MAUNA LOA SLOPE OBS	40.2		39.0		39.8M		-		42.5		45.0		44.9		47.1		45.6		44.4		40.8		40.3M		-	
MOUNTAIN VIEW 91	69.3		66.1		67.0		67.5		67.0		69.0		68.8		70.7		71.3		70.0		67.5		66.3		68.4	
NAALEHU 14	72.0M		M		M		M		72.6M		M		M		74.6M		75.3M		74.6M		M		71.7M		-	
OOKALA 223	72.4	1.9	71.5	1.7	70.7	.6	72.9	1.8	73.3	.7	74.3	.2	75.4	.7	75.7M	.5	76.7	1.3	76.0M	1.3	73.5M	.6	71.4	.5	73.7M	1.0
OPIHIHALE 2 24.1	67.7		66.0		67.5M		68.6		-		-		M		72.4		72.1		71.8		69.4		68.2		-	
PAHALA 21	71.3M	2.2	69.1M	.2	70.0M	1.0	70.5M	.6	70.3M	- .7	70.5M	- 1.6	71.7M	- 1.4	74.0M	.2	73.5M	- .1	73.3M	.2	70.6M	- 1.3	69.8M	- .2	71.2M	- .1
PUAKO 95.1	73.1		72.9		73.8		76.7		77.0		78.3		78.3		79.1		77.7		77.3		75.4		73.8		76.1	
UPOLU POINT USCG 139.2	74.5		-		-		-		-		-		-		-		-		-		-		-		-	
ISLAND	69.3		67.7		67.7		69.3		69.7		69.9		70.9		71.8		71.6		71.9		68.4		67.2		69.6	

See Reference Notes Following Station Index

AVERAGE TEMPERATURES AND DEPARTURES FROM NORMAL

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual	
	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
PACIFIC																										
• • •																										
EAST OF 180TH MERIDIAN																										
CANTON ISLAND	81.5		82.6M		82.9		83.6		83.0		82.9		81.9		82.2		82.6		83.3		82.8		82.6		82.7M	
JOHNSTON WSO AP	77.8	1.0	77.1	.0	77.1	.5	78.0	.4	78.9	.0	80.7	.5	80.5	- .3	80.8	- .4	81.1	.2	81.2	.0	79.3	.0	77.8	.2	79.2	
LEDNF	-		M		-		-		-		-		-		-		-		-		-		-		-	
FRENCH FRIGATE SHOALS	70.9	- .5	72.9M	2.1	75.0M	3.9	76.7M	4.2	78.4	3.8	79.0	1.6	80.0M	1.5	M		-		-		-		-		-	
MIDWAY SAND ISLAND	67.0	1.3	71.1	5.0	65.5	- .9	66.4	- 1.2	71.7	.3	76.0	.3	78.4	.6	79.2	.5	78.6	- .1	76.6	1.0	77.1	5.2	70.7M	2.2	73.2M	1.2
PAGO PAGO WSC AP	80.6	.3	78.9	- 1.6	79.9	- .5	79.6	- 1.0	78.4	- 1.1	79.2	.1	79.2	.9	78.1	- .1	80.5	1.5	80.8	1.4	80.2	.3	80.0	.0	79.6	.0
SWAINS ISLAND	M		-		-		-		78.6M		78.8		-		-		-		-		-		-		-	
• • •																										
WESTERN PACIFIC ISL, NORTH OF 12 N																										
ANDERSEN AFB GUAM	78.9	.7	79.9	1.3	78.0	- .5	80.8	1.3	81.5	1.2	80.5	- .3	80.7	.3	80.2	.1	80.0	.2	80.5	.3	81.1	.8	80.4	1.1	80.2	.6
CLARK AFB LUZON	75.0	- 2.8	77.5	- 1.3	78.9	- 2.2	82.2	- 1.6	82.2	- 2.0	82.1M	.2	81.8	1.2	82.4	2.6	84.1	4.3	82.6	2.2	79.0	- .4	78.7	.2	80.5M	.0
GUAM NAS	79.4	.0	80.6	1.2	79.3	- .7	81.5	.7	81.3	.0	82.2	.4	80.9	- .5	80.5	2.9	82.5	- 1.5	83.0	2.2	82.2	1.2	82.5	2.3	81.3	.6
GUAM WSO	77.4	.1	78.7	1.4	77.6	- .1	79.1	.1	79.6	.2	79.0	- .8	78.5	- .9	78.9	- .2	79.1	.0	79.7	.8	79.5	.3	78.7	.2	78.8	.1
SAIPAN WSCO LORAN	M		79.6		79.2		81.0M		81.6		81.9M		-		-		-		-		-		81.4		-	
WAKE WSO AP	76.6	- .4	76.8	- .5	75.9	- 1.8	77.0	- 1.3	78.6	- 1.2	80.3	- 1.2	80.0	- 2.0	81.4	- 1.2	80.4	- 2.2	81.3	- .3	79.7	- .7	78.3	- .3	78.8	- 1.1
• • •																										
CAROLINE AND MARSHALL ISLANDS																										
ENIWETOK	80.9M	- .2	80.7	- .3	81.1	- .3	80.8	- 1.4	81.3M	- 1.2	82.0M	- .8	-		-		-		-		-		81.6	- .3	-	
FALALOP I, ULITHI	-		81.5		81.3		-		-		-		M		79.2		79.0M		79.2M		-		81.4M		-	
KAPINGAMARANGI ATOLL	81.6		81.9		80.4		80.8M		-		M		-		-		-		-		-		80.7		-	
KOROR WSC	81.0	- .2	81.7	1.0	81.1	.0	81.6	- .3	82.7	.7	81.8	.2	81.4	.3	82.1	.9	82.3	.7	82.0	.1	82.1	.2	81.6	.3	81.8	.3
KWAJALEIN WSO AP	81.6	.4	81.7	.3	82.1	.4	80.8	- 1.0	81.7	- .1	81.6	- .3	82.4	.3	81.5	- 1.0	81.7	- .8	81.7	- .7	81.9	.2	81.7	.1	81.7	- .2
LELE I. KUSAIE	80.5M	- .9	82.1	.8	80.8	- .4	81.4	.5	81.6M	.4	81.9	.9	81.3M	.4	81.0	- .3	81.4	.1	81.4M	- .3	81.8M	.4	81.5	- .1	81.4M	.1
MAJURO WSO AP	79.9	- .9	80.8	- .4	80.8	- .4	80.5	- .6	80.8	- .5	80.6	- .4	80.7	- .3	81.0	- .3	80.9	- .5	81.0	- .3	80.9	- .3	80.3	- .8	80.7	- .5
METALANIM	81.0		81.8		80.8		-		80.9M		-		-		80.1		M		80.2M		M		80.4		-	
PONAPE WSO	79.8	- .8	81.5	.8	80.9	.1	80.8	.1	81.1	.4	79.6	- .9	79.8	- .2	80.5	.4	80.2	- .4	80.1	- .1	80.7	.4	80.8	.2	80.5	.0
TRUK, MOEN I, WSO AP	81.2	.2	81.2	.1	81.6	.3	81.8	.5	82.0	.7	81.4	.1	81.2	.5	81.3	.4	81.5	.5	81.4	.3	81.8	.5	81.7	.4	81.5	.4
WOLEAI ATOLL	81.2		82.9		81.5		81.1		82.1M		79.9M		-		-		-		-		-		80.8		-	
YAP WSO AP	79.3	- 1.1	81.0	.5	80.7	- .3	81.2	- .5	80.8	- 1.0	80.3	- 1.4	80.7	- .5	81.2	.2	80.6	- .7	80.5	- .9	80.7	- .8	80.6	- .4	80.6	- .6

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
HAWAII																										
* * *																										
ISLAND OF KAUAI																										
ANAHOLA 1114 A	6.38		2.47		7.08		6.78		5.15		1.21		3.55		1.66		6.43		2.18		6.98		2.52		52.39	
BRYDESWOOD STA 985 A	13.11		6.34		7.73		14.60		3.52		3.27		3.02		1.57		3.92		6.45		13.87		4.79		86.19	
EAST LAWAI 934 A	12.41		4.32		7.06		15.45		9.33		5.76		6.14		2.31		2.49		7.08		13.48		5.70		91.53	
ELEELE 927 A	11.02		1.39		6.09		6.89		.69		.90		1.38		.30		1.82		2.95		8.41		2.02		43.86	
HALAULA 1110 A	6.53		2.68		6.04		5.67		5.47		1.87		3.08		1.28		5.28		2.27		7.25		3.07		50.49	
HALENANAHO 1006 A	12.03		2.84		7.17		16.31		13.39		5.38		10.41		3.18		4.31		7.62		14.22		6.07		102.93	
HUKIPO 945 A	8.66	3.56E	3.13	.13	6.12	3.46	2.93	.91	.10-	1.09	.44	.16	1.81	1.26	.00-	.91	2.44	1.75	1.46-	.34	3.48	.92	.65-	4.13E	31.24	5.68
ILIILIULA INTAKE 1050 A	29.80		10.75		19.58		28.22		21.59		9.41		20.35		6.16		16.70		11.43		26.46		12.94		213.39	
INTAKE WAINIHA PC 1086 A	22.30		11.73		11.87		58.26		12.36		4.47		11.90		3.16		6.43		4.94		29.66		10.35		187.43	
KANALOHULUHULU 1075	25.45		3.41		8.85		9.22		2.56		3.57		2.36		.40		8.32		1.06		10.22		2.16		77.58	
KANEHA RESERVOIR 1092 A	11.19		3.95		11.23		15.67		10.36		6.62		7.56		3.44		8.55		5.58		14.55		5.54		104.24	
KAPAA STABLES 1104 A	6.21		2.70		5.59		7.28		5.53		2.25		3.13		2.04		5.76		2.70		6.05		2.24		51.48	
KEALIA 1112 A	6.14		2.49		5.03		5.57		4.52		1.42		7.77		1.59		5.10		2.08		6.41		2.20		45.30	
KEKAHA 944	7.37	2.74	1.89-	.68	4.94	2.57	1.47-	.09	.01-	1.03	.57	.32	.65	.26	.04-	.71	1.65	.91	.92-	.80	3.69	1.51	.49-	3.75	23.69	1.25
KILAUEA 1134 A	6.80		3.41		6.30		14.74		6.17		E 4.56		3.22		2.61		5.05		2.81		11.14		5.46		E 72.27	
KILAUEA POINT 1133	6.85		-		-		-		-		-		-		-		-		-		-		-		-	
KOLO 1033	7.24	1.99	.85-	1.93	3.32	.95	2.14	.31	.41-	.62	1.37	.83	1.91	1.40	.05-	.81	1.06	.15	.39-	1.54	4.24	1.78	.34-	4.03	23.32-	1.92
KOLOA 936 A	11.29		3.58		6.32		15.81		9.83		5.49		4.82		1.80		3.21		6.19		12.93		5.08		86.35	
KOLOA MAUKA 994 A	2.15-	7.62	7.11-	2.22	8.71	.06	22.38	15.72	11.12	4.96	5.48-	.24	11.70	4.33	3.28-	5.52	6.78	.40	8.38	.44	19.10	10.83	7.01-	3.18	113.20	17.96
KOLOKO RES 1137 AE	11.51		E 3.47		E 6.63		E10.31		9.07		E 2.97		4.99		3.90		4.47		2.76		10.44		5.58		E 76.10	
KUKUIULA 935 A	9.54		2.13		4.85		9.29		5.48		3.27		3.41		.50		1.06		4.91		9.64		2.93		57.01	
LIHUE VARIETY STA A	8.97		2.53		7.71		12.53		9.14		4.06		6.33		2.98		8.05		7.76		10.10		4.44		84.60	
LIHUE 1020 A	6.15		2.86		7.65		9.20		3.31		2.28		7.04		1.89		4.73		4.56		7.09		2.79		59.55	
LIHUE WSO 1020.1 AP //R	5.59-	.65	.90-	3.38	6.29	1.62	5.57	2.32	3.67	1.24	1.87	.30	4.60	2.73	2.23	.02	3.73	1.88	2.94-	.90	6.47	.84	1.61-	4.73	45.47	1.29
MAKAHUENA POINT 940.1	8.25		-		-		-		-		-		-		-		-		-		-		-		-	
MAKAWELI 963 A	8.93		1.47		5.57		4.30		.13		.87		.59		.14		.76		1.15		5.32		1.33		30.56	
MANA 1026	6.51	1.57	.53-	2.03	4.25	1.59	1.96	.34	1.49	.44	1.98	1.49	3.48	2.86	.23-	.54	3.76	2.74	3.63	1.82	4.37	1.93	.39-	3.67	32.58	8.54
MOHIHI UPR CROSS 1083 A	27.34		5.83		11.38		.00		24.27		1.09		2.71		.87		5.26		2.00		17.98		4.13		102.86	
MOLOAA 1145 A	6.04		1.91		8.12		6.97		5.29		2.38		2.50		2.13		E 6.02		E .97		8.17		3.63		E 54.13	
MOUNT WAIALEALE 1047 R	38.25		21.42		36.69		68.10		41.56		37.93		35.08		16.20		24.05		22.12		-		-		-	
NIU RIDGE 1035	8.19	2.36	1.60-	1.40	5.74	2.58	2.37	.23	2.05	.71	1.67	.98	4.62	3.72	.09-	.92	10.44	8.89	2.98	.64	5.62	2.73	.36-	4.63	45.73	15.89
N WAILUA DITCH 1031 A	27.77		9.72		19.78		27.15		22.15		12.53		19.88		6.67		17.66		11.02		24.23		12.59		211.15	
PH WAINIHA 1115	14.27	1.28	4.30-	8.19	12.17-	3.16	36.65	24.07	11.90	2.58	3.97-	1.69	11.11	1.11	2.34-	6.36	4.55-	.62	3.45-	5.48	E11.87		E13.82		E130.40	
PRINCEVILLE RANCH 1117	7.91-	.90	3.88-	3.25	6.79-	3.80	19.74	12.25	12.17	5.39	3.97-	.62	7.19	.81	2.80-	6.31	6.94-	4.25	2.72-	3.92	14.18	4.70	6.38-	3.10	94.67-	3.00
PUEHU RIDGE 1040	10.90	4.27	3.99	.27	5.61	2.36	4.10	1.51	1.93-	.03	.92	.12	4.25	2.99	.00-	1.67	9.13	7.32	2.16-	.61	4.51	1.12	.70-	4.97	48.20	12.68
PUHI 1013 A	8.58		1.12		4.52		7.14		2.10		3.44		2.45		.67		.60		3.55		7.03		2.00		43.20	
WAHIAWA 930 A	9.66	3.86	2.59-	1.00	6.52	2.98	8.54	5.86	.84-	.91	1.38	.01	2.63	.86	.44-	1.79	1.02-	.74	2.85-	.06	9.76	5.89	2.81-	2.66	49.04	12.30
WAIAHI LOWER 1054	18.38	7.80	7.18-	1.63	11.80	.94	24.99	15.67	18.32	10.21	11.37	4.54	9.90	.23	4.68-	6.20	9.66	2.27	9.78	.61	18.58	6.56	8.31-	4.33	153.15	36.67
WAIAHI UPPER 1052	28.08	15.27	7.84-	2.73	15.96	3.00	28.39	16.38	20.39	9.90	13.05	4.06	14.04	2.20	6.17-	7.03	12.40	3.23	12.32	1.11	25.44	11.24	11.85-	3.03	195.93	53.60
WAIAWA 943	7.97	3.29	1.92-	.42	4.38	2.08	1.77	.19	.07-	.97	1.06	.75	1.36	.92	.14-	.67	1.67	.86	1.88-	.03	4.38	2.22	.07-	4.06	26.47	4.16
WAILUA KAI 1065 A	6.91		3.41		7.97		8.81		7.19		3.68		5.15		2.29		6.72		4.77		8.62		2.52		68.04	
WAIMEA 947	8.36	3.78	2.91-	.04	5.44	3.22	2.41	.72	.23-	.82	.81	.57	1.52	1.08	.00-	.77	1.75	1.09	.91-	.93	3.59	1.23	.53-	3.86	28.46	5.27
WEST LAWAI 931 A	10.39		2.78		5.35		11.45		3.13		2.98		2.98		.60		.57		3.23		10.12		3.99		57.57	
ISLAND	12.12		3.69		8.31		12.54		6.97		3.96		5.94		1.87		6.25		4.07		9.96		4.40		80.08	
* * *																										
ISLAND OF OAHU																										
BERETANIA PUMPING STA	7.78		3.32		6.33		5.32		1.16		1.56		1.34		.19		2.18		5.81		4.48		1.51		40.98	
CAMPBELL IND PK 702.5	4.36		1.54		2.68		4.30		.84		2.14		.27		.00		1.03		1.56		1.77		.21		20.70	
CAMP 84 807 A	10.17		3.65		6.88		3.52		4.00		.59		1.42		.16		7.38		E 1.48		6.44		.97		E 46.64	
CHURCH COLLEGE LAIE	7.80		3.23		4.37		6.80		8.02		3.09		7.83		1.75		1.75		4.12		9.64		1.21		59.61	
COCONUT ISLAND 840.1	9.29		2.45		2.92		3.76		8.12		2.63		1.59		.96		4.58		3.76		5.59		.98		46.63	
EWA PLANTATION 741	5.67	.95	3.48	1.05	1.84-	1.04	3.28	1.90	.37-	.51	.59	.38	2.77	2.27	.00-	.48	4.10	3.55	2.07	.42	2.04-	.81	.24-	3.30	26.45	4.38
HELEMANO INTAKE 881 A	17.47		9.02		17.15		28.62		8.59		2.19		7.00		1.34		9.38		5.24		11.65		2.50		120.15	
HOKULOA 725.2 A	11.23		3.57		5.28		.69		3.53		4.76		1.87		.53		6.41		3.95		3.33		.95		46.10	
HONOLULU OBSERV 702.2	5.20		3.30		2.20		4.14		.53		.47		.51		.00		1.47		3.07		1.74		.32		22.93	
HONOLULU WSO 703 AP R	4.21-	.19	1.28-	1.18	3.49	.31	4.13	2.77	.82-	.14	1.52	1.20	.44-	.16	T -	.76	2.08	1.41	2.77	1.26	2.69-	.30	.59-	3.10	24.02	1.12
HONOLULU SUBSTA 704 R	4.29-	.14	1.52-	1.26	5.44	2.03	2.12	.38	.61-	.52	1.09	.51	1.13	.36	.09-	.92	2.11	1.18	4.49	2.77	4.36	1.43	.99-	2.93	28.24	2.89
H S P A EXP STA 707	5.77	.29	3.23-	.34	5.71	1.23	4.03	1.31	1.65-	.46	1.64	.44	2.12	.25	.38-	1.62	2.05	.47	4.26	1.59	4.99	.89	1.49-	3.83	37.32	.22
KAENA POINT 841.3	7.69		1.68		6.18		5.09		1.21		.50		1.87		.51		3.12		.68		2.53		1.45		32.51	
KAHANA 883 A	20.06		13.34		20.49		28.52		20.47		21.74		29.85		15.46		14.11		19.70		25.56		13.00		242.30	
KAILUA FIRE STA 791.3	7.21		2.81		5.90		3.79		6.33		2.11		1.83		2.35		1.71		7.62		5.27		.87		47.80	
KALIHI RES SITE 777 R	13.30	3.92	8.48-	.15	7.76-	3.61	15.34	7.43	13.84	6.53	7.50	2.91	7.66	.27	4.31-	3.12	12.06	6.22	11.30	3.22	14.78	4.90	4.88-	5.24	121.19	23.28
KANEOHE MAUKA 781	15.96	8.07	5.04-	1.87	4.99-	3.03	6.25-	.01	7.02	2.24	6.67	4.01	3.42-	1.08	3.21-	.74	8.13	4.62	6.77	.93	10.49	2.42	2.71-	5.08	80.66	10.48
KAPALAMA 773 A	12.19		3.96		8.34		16.02		3.76		1.63		8.26		.78		2.79		6.42		9.08		3.90		77.13	
KAWAIKAPAI 841 A	9.35		1.28		5.66		6.23		2.43		.26		2.89		.32		1.25		1.90		3.08		.55		35.20	
KEMOO CAMP 8 855 A	14.99		1.92		7.23		12.31		3.02		1.36		5.21		.24		3.13		2.33		3.94		1.58		57.26	
KOOLAU DAM 833 A	16.63		14.14		16.36		27.31		17.57		13.59		19.99		5.66		12.34		11.96		18.60		12.50		186.65	
LUALUALEI 804 A	7.87		2.50		3.75		2.80		.88		3.27		.89		.02		3.73		2.98		2.31		.27		31.27	
LUALUALEI WTR TUNNEL A	-		-		22.12		-		-		10.00		-		-		-		-		-		-		-	
MAKAHA KAI 796.1 A	3.02		1.36		2.19		2.57		.33		.81		.42		.06		3.60		1.29		1.98		.20		19.83	
MAKAHA PUMP 800.2 A	18.26		2.12		1.96		2.14		.60		1.41		1.43		.36		4.38		2.50		3.16		1.42		37.74	
MANOA 712.1	7.36	.82	7.15	1.98	9.83	3.45	10.56	5.58	6.43	2.57	6.47	3.53	6.57	2.46	1.84-	2.45	2.03-	.94	7.26	2.75	11.25	5.21	4.08-	3.68	80.83	21.28
MANOA TUNNEL 2 716 R	13.50	3.19	9.36-	.61	15.00-	.20	19.38	7.08	16.22	5.02	12.76	4.39	11.08-	1.81	5.22-	6.65	7.82-	.18	15.16	4.09	20.34	7.45	9.38-	5.52	155.22	16.25
MOANALUA 770	6.08	.98	4.25	.56	6.10	1.86	12.11	9.57	2.55	.62	2.70	1.65	2.87	1.27	.77-	.78	2.31	1.01	4.98	2.26	5.64	1.55	2.61-	2.74	52.97	17.81
NUUANU RES 4 783	13.22		9.24		12.20		21.30		12.16		9.24		7.42		3.60		8.06		11.36		15.18		5.96		130.94	
NUUANU RESERVOIR #3 A	9.23	1.27	7.58-	1.10	10.25	1.85	18.95	12.39	7.85	1.34	7.31	1.47	7.86	1.33	2.24-	5.29	5.33	.06	8.76	2.43	13.39	7.01	7.22-	1.71	105.97	21.05
OPAEULA 870 A	10.02		5.76		8.62		22.94		5.69		3.22		5.79		.32		2.84		3.33		7.86		3.91		80.30	
PALI GOLF COURSE 788.1	15.25		5.59		5.84		8.35		8.85		3.51		3.58		2.92		8.24		5.90		9.63		1.92		79.58	
PALOLO VALLEY 718 R	13.12	2.27	8.50-	1.52	13.18-	1.71	13.98	2.17	13.90	4.03	9.42	1.75	8.50-	2.70	5.96-	4.58	4.08-	3.39	11.30	.90	17.40	4.50	5.98-	8.74	125.32-	7.02
PAUDA FLATS 784 R	16.44	5.04	10.08-	1.47	15.80-	1.71	24.78	11.31	17.78	4.83	16.00	4.28	14.26-	1.15	7.32-	7.85	7.82-	2.20	15.46	2.71	22.34	7.79	13.18-	2.99	181.26	18.59
PORTLOCK ROAD 724.4	9.52		.71		3.44		2.25		.45		.00		E .60		.96		.78		E 2.87		1.13		.24		E 18.95	
PRI WAHIAWA 820.2 A	10.88		4.58		8.75		7.44		4.53		.39		2.74		.50		10.90		2.98		6.17		2.47		62.33	
PUNCHBOWL CRATER 709 A	5.58		4.37		4.69		5.43		1.88		1.45		3.02		.72		3.70		5.77		5.89		2.20		44.70	
ST STEPHENS SEM 788	14.66		5.38		9.03		7.92		7.59		3.07		3.22		2.64		7.83		5.07		10.31		1.88		78.60	
TANTALUS 2 780.5	10.12		8.65		10.55		17.91		10.97		11.14		12.25		3.07		4.76		10.50		14.67		7.83		122.42	
UNIV OF HAWAII 713 A	5.53		4.12		7.19		5.04		2.45		1.80		2.78		.58		2.42		4.40		7.00		1.31		44.62	
UPPER WAHIAWA 874.3	12.86		7.49		14.68		20.41		9.04		3.55		6.21		1.58		7.29		5.10		9.40		8.22		105.83	
WAHIAWA DAM 863 A	10.88		4.00		8.59		9.87		3.33		1.28		3.78		.52		7.23		2.21		6.60		2.76		61.05	
WAIAHOLE 837 A	19.55		8.01		15.68		15.98		15.22		9.12		10.72		5.64		9.09		8.96		15.33		4.37		140.67	
WAIALAE KAHALA 715	5.11		2.41		4.67		3.36		.80		1.65		.69		.16		1.25		2.88		3.57		.44		26.99	
WAIALEE 896.3	6.94		4.09		9.66		8.11		4.77		3.88		4.93		1.29		1.11		1.97		5.54		2.02		48.31	
WAIALUA 847 A	9.84	4.85	1.69-	1.96	3.95	2.11	10.57	8.25	1.05-	.29	1.56	1.12	2.22	1.27	.37-	.89	1.52	.85	1.36-	.91	3.06-	.09	.56-	4.08	39.75	10.23
WAIANAE 798.2 A	5.53		1.72		2.70		2.46		.38		.59		.50		.03		4.16		1.78		2.72		.54		23.11	
WAIAWA 836 A	19.47		14.17		13.63		22.97		14.03		10.48		10.48		5.71		12.85		14.13		2.72		11.14		151.78	
WAIKANE 885 A	19.64		9.33		15.70		18.58		12.86		9.64		14.43		6.36		11.26		10.46		15.58		5.81		149.65	
WAIKIKI 717.2	4.12		1.56		6.12		1.93		.71		1.20		.93		.05		.53		3.23		3.78		.35		24.51	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

HAWAII AND PACIFIC
1974

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
WAIMANALO EXP FARM	11.23		3.50		7.79		5.01		3.21		2.15		1.29		.51		1.79		4.23		5.57		.32		46.60	
WAIMEA 492	M 9.21		4.18		6.35		14.82		2.93		1.86		1.90		1.56		1.44		2.54		7.04		3.64		61.47	
WAIPAHU 75	M 9.67		4.39		3.73		2.93		2.50		.73		1.83		.17		4.48		2.27		3.74		.37		36.51	
WAIMEA MAUKA RISE 721	M 8.12	2.62	4.28	.79	6.84	2.13	7.56	4.02	4.40	2.03	2.88	1.51	3.40	1.16	.92-	1.41	2.10	.34	4.18	1.04	7.96	3.66	2.02-	3.52	54.66	13.87
ISLAND	10.54		4.97		7.61		10.26		5.99		4.16		4.90		1.74		4.77		4.99		7.98		2.75		70.66	
• • • ISLAND OF HAWAII																										
KAHUAPAPA 563	A 9.72		1.51		6.96		5.73		2.60		.83		3.48		.46		1.27		2.06		5.48		1.78		37.38	
KAUNAKAKAI 93A	6.74		.00		4.18		.36		.77		.00		.48		.34		.08		.44		1.41		.29		14.59	
KEONE E F PENS 45.	A 5.10		.00		4.10		1.01		2.40		1.13		1.32		.00		.67		.00		3.55		.45		19.73	
KILAUPU 934	A 7.41		2.01		4.95		1.27		1.60		1.55		1.22		.23		1.00		1.34		4.97		.82		28.47	
MAUNALOA 911	A 8.56		2.81		4.16		.80		1.89		2.15		1.05		.24		3.94		1.25		3.89		.25		30.99	
MOLOKAI AP 82-	9.73		6.86		5.13		.77		1.80		.55		.52		.13		.96		.69		4.45		.74		26.33	
PUUOHOKU RANCH 542.1	6.39		.78		1.05		2.78		3.09		.72		2.51		.50		1.57	E	2.03	E	5.58		1.26	E	28.26	
WAIKOLU 540	A 22.09		4.00		14.09		8.12		5.37		2.15		6.23		2.26		2.61		3.61		9.75		4.85		85.13	
ISLAND	7.93		2.56		4.75		.95		1.76		1.42		.93		.20		1.97		1.09		4.44		.60		28.60	
• • • ISLAND OF LANAI																										
KANEPUU 690	A 13.25		1.52		5.70		.38		.64		.65		.74		1.50		1.15		5.40		1.55		.60		33.08	
KAUMALAPAU HARBOR 658	2.91		.86		1.72		.89		2.12		.89		.65		T		1.27		1.84		.23		.36		13.74	
LANAI CITY 672	A 11.28	5.34	2.87-	.35	5.00	.48	1.65-	1.64	2.26-	.85	6.44	5.16	3.60	1.46	.23-	1.40	8.71	6.49	3.82	1.34	2.35-	1.78	.94-	3.19	49.15	11.06
LANAIHALE 684	A 6.30		5.30		5.39		1.98		2.01		3.83		2.89		1.02		6.00		2.80		2.43		1.00		40.95	
MAHANA 694	A 13.95		2.00		5.80		.64		.49		.48		1.26		.55		2.45		1.20		1.70		.40		30.92	
MALAUEA 676	A 8.30		.84		3.45		1.59		1.30		1.88		1.16		.07		6.75		.65		.55		.40		26.94	
WAIAKEAKUA 685	A 9.15		1.43		6.20		2.31		2.22		2.45		.63		.16		5.80		1.14		.97		.44		32.90	
ISLAND	11.28		2.87		5.00		1.65		2.26		6.44		3.60		.23		8.71		3.82		2.35		.94		49.15	
• • • ISLAND OF MAUI																										
ALWAHI 752	A 10.82		1.75	E	5.44		1.59		1.76		1.06		1.11		.15		7.97		1.67		1.78		1.80	E	36.90	
MALEAKALA B E S 434	A 18.59		3.71		6.53		8.82		3.20		1.24	E	2.04		1.72		1.27		6.44		11.13		4.93	E	66.82	
MALEAKALA RANCH 432	A 17.41		2.82		3.79		3.72		.45		.86		.47		.18		1.67		3.44		5.32		2.60		37.73	
HALEAKALA RS 338	12.58	4.35	2.92-	3.82	3.61-	2.10	7.37	3.34	2.98	.66	1.43	.22	1.52-	.85	.80-	2.47	1.68-	.14	4.11	.48	6.20	.65	3.39-	5.47	48.59-	5.15
MALEAKALA SUMMIT 338.4	A 9.22		.68		3.58		4.16		2.03		1.14		1.15		.69		1.69		2.12		3.43		.60		30.49	
HALIIMAILE 423	A 12.16		5.35		3.02		8.86		1.12		.52		.94		.45		.37		3.60		4.82		1.95		43.16	
HAMAK APOKO 485	8.42	3.32	4.73-	.12	4.61-	1.20	3.18-	1.32	1.92-	.91	1.41-	.98	2.92-	.68	1.51-	2.14	.06-	1.83	3.61-	.08	8.45	3.38	3.83-	2.90	44.65-	5.46
HANA 354	A 11.33		1.56		9.31		5.12		3.46		3.18		3.68		2.74		1.70		6.74		8.40		3.37		60.60	
HANA AIRPORT 355	11.45		2.11		7.56		7.85		11.96		4.57		3.30		4.37	E	1.86		6.10		7.70		4.29	E	73.12	
HANAHULI 281	12.76		3.95		9.66		8.55		12.17		4.97		2.99		6.01		3.50		6.89		12.79		4.85		89.09	
HOLUA CABIN 259.5	A 9.16		4.37		2.98		7.25		3.22		2.32		1.71		.11		.10		1.59		2.50		7.00		38.31	
HONOKOHAU 480	A 12.80		3.20		14.50		10.32		6.40		5.20		6.40		5.60	E	3.57	E	4.93		13.20		6.64	E	92.76	
HONOKOHUA 493	A 8.38		1.76		11.40		3.64		2.22		.68		1.12		.71		.45		2.14		3.12		1.46		37.08	
HONOMANU GULCH 341	A 13.60		3.10		4.20		14.00		5.10		3.80		3.10		1.60		1.60		8.40		11.00		15.20		84.70	
KAANAPALI AP 453.1	7.10		.05		9.66		-		.29		.04		-		-		-		-		-		-		-	
KAMOMA INTAKE 374	A 11.65		.37		13.26		18.91		3.68		2.74		2.97		2.15		5.95		8.00		13.60		9.75		93.03	
KAMULUI WSO 398 AP	R 9.00	5.41	.12-	2.52	3.33	.46	.75-	.50	.54-	.08	T	- .21	.51	.12	.12-	.22	.12-	.15	1.57	.49	2.25-	.08	.37-	2.47	18.68	.25
KAILILI 436	A 22.61		6.06		11.03		17.92		6.06		.00		8.51		2.76		1.10		9.65		E14.24		E12.76		E109.70	
KAILUA 446	16.30	7.19	7.04-	3.25	E11.94-	1.02	E20.55	8.84	9.86	.86	E 5.44-	1.66	E 8.33-	2.34	E 4.35-	6.88	E 1.12-	5.86	6.87-	3.20	15.80	3.51	10.53-	2.18	E118.13-	5.99
KAUAULA INTAKE 378	A 13.93		2.93		7.55		4.90		1.22		1.47		1.87		.36		9.55		2.03		8.32		2.51		56.64	
KEAHUA 410	8.63	4.54	1.76-	1.38	2.32-	.76	1.41-	.37	.08-	.63	.01-	.27	.25-	.25	.06-	.41	.31-	.02	1.34	.12	2.63	.03	.32-	3.55	19.12-	2.95
KEANAE 346	A 24.72		E 8.55		E23.61		36.70		12.70		.00		11.00		7.30		1.20		12.20		E24.58		E19.54		E182.10	
KEAWAKAPU BEACH 260.2	4.66		.49		2.28		-		.02		.80		-		-		-		-		-		-		-	
KIHEI 311	7.31	3.64	1.27-	.49	1.99-	.04	.22-	.57	.01-	.26	.02-	.08	.03-	.12	.00-	.19	2.03	1.96	.32-	.36	1.65-	.03	.12-	2.27	14.97	1.19
KIPAHULU 258	13.90	4.48	4.17-	3.50	7.67-	1.68	9.34	2.01	12.61	5.80	5.03-	1.84	4.36-	4.56	5.88-	1.78	2.47-	3.56	6.13-	2.26	10.12	.46	4.92-	5.27	86.60-	11.70
KULA HEIGHTS 323.2	9.23		.57		2.28		1.25		1.62		.78		1.10		.05		3.00		3.28		1.81		.33		25.30	
KULA SANATORIUM 267	14.03	9.39	1.79-	1.66	4.44	.91	7.19	4.21	1.07-	1.13	5.31	3.90	.65-	1.32	.21-	1.86	4.82	2.89	2.26	.35	1.90-	1.05	.27-	3.34	44.94	11.09
LAHAINA 361	5.46	1.76	.12-	1.53	2.62	.59	.04-	.89	1.66	1.18	.02-	.07	.28	.07	.08-	.25	.03-	.22	.32-	.58	2.21	.14	.16-	2.70	13.01-	2.50
LAUNI POKO INTAKE 376	A 10.25		2.00		7.50		5.00		1.70		1.67		1.67		1.30	E	2.37	E	1.13		7.80		1.70	E	44.09	
LAUNI POKO VILLAGE 372	A 9.16		1.65		2.99		.29		.00		.00		.38		.36		.41		.68		1.40		.21		13.53	
LUPI UPPER 442	A 18.70		8.00		12.50		20.70		8.10		.00		7.70		6.00		1.20		8.50		E19.50		E13.70		E126.60	
MAHINAHINA 466	A 10.28		1.33		7.21		3.73		1.32		.22		1.33		.34		.69		2.98		8.13		2.23		39.79	
NAKALELE FIELD 60 497	A 7.99		2.63		10.59		3.07		1.57		1.27		2.44		1.33		1.60		2.22		5.26		1.56		41.53	
OLINDA 332	A 11.85		.98		3.89		5.78		1.44		2.13		3.30		1.03		.99		4.47		E 6.15		E 1.98		E 43.99	
OLOWALU 296	9.38	2.18	.25-	1.20	2.41	.39	.17-	.60	.07-	.26	.00-	.13	.12	.04	.74	.53	.17-	.04	.53-	.15	.62-	1.17	.00-	2.49	10.46-	2.90
PAAKEA 350	19.04	.38	8.81-	8.85	22.37-	1.49	29.12	8.45	16.81	.04	10.23-	1.28	9.59-	7.53	8.59-	9.89	2.70-	8.42	13.57-	1.90	18.81	.25	14.83-	9.72	170.47-	35.96
PAIA 406	7.70	3.69	4.45	.93	3.16-	1.02	1.66-	1.08	.69-	.88	.37-	.52	1.39-	.29	.41-	1.26	.06-	.79	2.07-	.12	4.31	.90	1.40-	3.23	27.65-	3.67
PANILEIMULU 259.2	A 21.15		5.48		11.75		12.00		9.05		4.70		3.61		.75		5.15		4.00		8.70		12.50		98.84	
PUHAKEA BRIDGE 307.2	A 9.88		.78		4.04		.45		.43		.12		.00		.01		1.44		.26		2.56		.02		19.99	
POLIPOLI SPRINGS 267.2	A 23.20		3.20	E	4.03		6.00		10.04		4.00		3.50		.76		4.10		.70		3.25		.91	E	63.69	
PUOHOKAMOA 2 343	A 26.00		12.40		17.02		48.00		15.60		.00		9.00		6.60		4.40		16.40		E19.70		E19.70		E194.82	
PUUNENE 396	9.82	5.76	1.09-	1.62	2.94	.10	.61-	.69	.03-	.55	.45	.30	.16-	.18	.03-	.28	.82	.61	1.09	.04	1.93-	.36	.15-	2.82	18.92	.31
SPRECKELSVILLE 400.2	8.14	4.17	2.57-	.36	3.33-	.04	.78-	.99	.22-	.70	.08-	.27	.58-	.27	.14-	.53	.07-	.37	1.21-	.22	2.12-	.57	.51-	3.02	19.75-	3.17
TWIN GATES 261.3	A 9.37		3.12		3.35		.00		.00		2.65		.00		.00		5.32		.00		2.29		.00		26.10	
UKOLE E 333	A 14.35		2.35		5.40		8.05		2.52		2.40		2.04		1.13		3.66		6.27		10.49		3.62		62.28	
UKUMEHAME 301	A 9.88		.20		2.52		.45		.05		.00		.07		.26	E	.21	E	.33		.53		.00	E	10.50	
ULUPALAKUA RANCH 250	19.09		2.99		6.43		4.19		2.77		2.72		1.33		.37		7.83		4.43		3.44		.44		50.03	
WAIHOLU 364	A 8.84		.34		2.59		.44		.87		.14		.26		.00		1.93		.74		3.59		.26		18.00	
WAIEHU CAMP 484	A 16.97		.79		4.74		2.22		1.86		.80		.88		.21		3.11		1.65		5.43		.42		39.08	
WAIHEE VALLEY 482	A 19.36		1.54		9.21		2.25		2.01		.87		1.40		.69		1.55		2.73		6.29		1.06		36.96	
WAIHOLI 449	A 22.90		8.60		15.50		28.10		10.90		8.10		7.80		6.70		1.30		11.00		E25.16		E15.24		E161.30	
WAIHOLI DAM 434	A 17.44		.21		11.60		23.36		11.24		5.24		9.06		4.80		3.67		14.41		22.09		14.85		137.97	
WAIHOLI 345	A 13.95		1.63		4.19		1.50		.62		.14		.41		.04		.48		.22		3.79		.13		27.10	
WAILUKU 385	A 15.79	10.91	.22-	3.59	5.11	.95	1.66-	.75	.51-	.51	.28-	.15	.47-	.27	.14-	.63	.50	.01	1.24-	.62	3.31	.52	.22-	4.43	29.45	1.44
WAIPOLI RANCH 456	A 13.65		2.17		7.14		1.51		3.51		3.04		1.97		.00		3.32		.67		.51		1.64		39.33	
ISLAND	12.54		2.85		7.43		8.80		4.64		1.88		2.91		2.17		1.30		4.29		7.72		4.29		60.82	
• • • ISLAND OF HAWAII																										
AMAU 1ST 75	A 2.00		1.30		4.00		4.80		2.20		.75		2.40		1.30		2.10		2.12		1.70		1.00		25.67	
AMAU 682.1	A 4.55		.00		.00		.00		22.90		.00		7.30		6.50		-		-		-		-		-	
CITY OF REF OF 27.4	1.94		2.15		.82		1.83		3.48		5.76		2.63		1.57		3.94		6.47		1.82		.90		33.31	
EAST MOLOKAI 493.2	A 11.61		-		.00		.00		.00		.00		-		.00		-		-		-		-		-	
HAINA 234	4.81	.05	1.90-	3.52	9.78	.95	11.32	3.37	1.38-	3.34	.73-	1.28	.57-	2.99	1.21-	3.49	.38-	1.75	5.28	.17	3.95-	2.05	9.06	.28	49.97-	15.60

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
HAKALAU 142	4.97	-3.73	4.83	-7.98	13.38	-1.77	18.66	5.67	9.79	-.99	4.80	-1.84	6.50	-3.45	4.63	-6.72	1.63	-5.82	8.47	-2.64	10.62	-2.64	18.79	2.53	107.07	-29.38
HALEMAUMAU 52	A 4.40		3.72		11.27		10.10		.80		2.97		1.12		.10		1.25		2.68		8.60		9.06		56.07	
HALEPIULA 117	A 8.55		3.02		.00		8.74		1.93		.45		.80		.00	E	3.29		E13.28		4.48		6.63		E 51.17	
HALEPOHAKU 111	A 6.21		1.69		4.80		4.49		.98		.41		.61		.08		2.14		5.05		1.86		6.58		34.90	
HAWAII VOLCNS NP HQ 54	8.12	-4.49	7.38	-2.85	17.56	5.81	19.72	9.62	6.50	-1.25	4.96	-.29	3.16	-2.07	2.37	-4.83	2.77	-1.81	6.96	-.07	10.86	-.61	21.30	8.97	109.66	6.85
HAWI 168	A 6.84		.89		4.21		4.86		1.30		2.00		1.61		1.98		1.54		6.89		7.53		5.44		45.09	
HILO COUNTRY CLUB 86.6	9.39		8.72		20.11		37.89		12.95		9.51		8.84		9.22		2.00		11.04		17.74		38.06		183.47	
HILO WSO 87 AP	R 5.88	-3.19	7.57	-5.33	13.47	-.22	19.11	6.23	8.07	-2.00	4.76	-1.85	7.81	-1.73	4.25	-6.63	1.59	-5.85	6.65	-4.31	14.56	-.79	19.20	3.44	112.92	-20.63
HOLUALOA 70	A 7.00		2.34		4.08		10.00		3.49		5.03		4.29		3.90		4.24		21.60		2.50		.91		69.38	
HOLUALOA BEACH 68	A 4.03		.16		1.46		4.41		2.99		4.54		7.05		1.35		7.23		4.20		1.77		.52		39.71	
HONAUNAU 27	9.22	6.72	7.30	5.04	6.08	2.82	5.42	1.83	10.41	5.84	13.11	8.28	5.54	.75	5.23	.17	9.10	4.57	11.02	7.01	3.59	.98	3.55	1.35	89.57	45.36
HONOHINA 137	5.94	-3.07	7.39	-6.64	14.54	-3.01	18.32	3.49	9.99	-2.34	3.87	-3.16	9.16	-5.87	5.05	-7.97	1.24	-6.82	7.63	-4.16	12.34	-1.72	20.42	2.73	111.89	-38.54
HONOKANE 181.1	A 2.30		.00		.00		10.00		4.80		.00		E 8.37		E 5.70	E	1.43		E 2.77		E 5.45		-		-	
HONOMU MAUKA 138	9.95	-2.66	10.83	-6.88	26.10	4.18	28.74	7.52	13.61	-3.97	7.37	-3.47	11.34	-3.90	8.70	-9.82	2.10	-15.26	11.78	-4.10	15.50	-2.66	32.33	9.58	178.35	-31.44
HONUAULA 71	A 3.05		E 1.17		F 3.44		6.00		2.00		1.76		2.82		1.02		2.72		4.80		1.89		.85		E 33.52	
HUALALAI 72	A 1.68		E .78		E 2.83		3.03		1.86		.51		1.86		1.15		1.53		1.95		1.26		.79		E 19.23	
HUEHUE 92.1	A 6.16		5.10		1.63		6.62		1.45		5.25		1.74		.83		14.61		10.20		2.04		.99		56.62	
KAALA IKI 12	A 8.21		2.35		15.96		4.04		2.39		5.30		2.61		3.92		3.08		10.22		7.13		10.60		73.81	
KAAWALOA 29	A 6.01		3.00		1.71		3.44		4.95		7.06		5.10		3.42		13.35		8.15		2.79		2.04		61.02	
KAINALIU 73.2	9.67	5.60	3.11	.23	3.40	-1.76	6.47	.58	6.47	-.51	10.84	3.58	9.18	-2.90	5.10	-3.04	15.38	8.13	10.40	5.04	3.83	-.46	1.11	-2.50	80.96	11.99
KALAPANA ND 1 67.8	3.66		7.07		21.46		13.94		4.63		5.42		4.03		2.12		6.24		5.92		13.77		16.15		104.41	
KAMAOA ND 2 5	A 3.75		.76		9.98		3.07		1.62		3.98		1.77		3.77		2.26		5.82		6.60		9.30		54.68	
KAMUELA 192.2	9.54	5.33	.90	-2.88	2.08	-1.89	3.10	-.45	1.74	-.46	2.08	-.51	.87	-1.44	1.56	-.96	2.24	1.17	2.07	.04	2.76	-.02	1.24	-3.60	30.18	-4.65
KAPAPALA RANCH 36	A 4.05		7.26		9.91		4.28		3.97		2.25		1.34		4.27		2.78		8.39		3.76		9.94		64.20	
KAPOHO LANDING 93.5	A 9.16		5.06		12.21		16.44		8.53		4.97		8.97		4.42		7.48		4.62		11.01		12.61		103.48	
KAWAINUI LOWER 193	A 9.38		4.81		11.81		15.12		8.87		5.77		3.84		9.18		2.80		7.30		12.34		8.46		99.68	
KEAAU 92	5.56		8.81		19.81		20.18		10.59		7.55		7.03		4.10		3.34		7.89		18.40		22.03		135.29	
KEHENA 181.2	A 9.30		-		.00		.00		.00		.00		-		.00		-		-		-		-		-	
KIOLAKAA A E F 6	A 9.30		2.80		16.03		.75		3.35		4.00		2.50		5.02		3.79		10.05		5.56		13.00		72.13	
KIPA 89.2	A 9.03		11.07		29.06		36.52		12.54		9.29		9.27		9.42		2.70		12.60		18.76		36.56		192.82	
KOHALA MAULILI 176	A 10.56		1.56		5.33		6.80		1.46		2.35		2.26		2.51		3.04		8.81		5.87		7.23		57.78	
KOHALA MISSION 175.1	8.60	2.93	1.19	-3.98	5.12	-2.16	6.21	.20	1.11	-3.41	2.52	-1.10	2.02	-3.46	2.72	-3.02	1.79	-.76	7.43	2.99	7.58	2.32	6.50	-1.06	52.79	-10.51
KOIAWE LOWER 196	A 7.74		5.16		7.59		9.41		3.55		1.95		2.41		5.17		1.07		4.79		10.05		6.61		65.50	
KONA (KAILUA) 68.3	A 4.96		.59		2.41		4.14		3.89		.73		3.82		1.53		8.84		3.21		1.09		.36		35.57	
KONA VILLAGE 93.8	2.55		.25		.85		.33		.07		.58		.41		.25		1.10		.84		.63		.24		8.10	
KUKAIAU 222	5.70	-1.63	2.58	-9.04	13.73	-.66	16.12	3.04	2.60	-5.75	1.03	-2.29	1.87	-4.02	1.12	-7.36	.52	-2.84	5.94	-1.46	6.66	-3.02	17.26	3.24	75.13	-31.79
KUKUIHAELE HIC 199	3.73	-1.97	1.79	-5.26	7.64	-2.22	7.80	-.37	1.28	-4.30	.69	-2.27	.90	-4.03	1.93	-3.74	.94	-1.79	5.56	-.02	5.68	-.82	5.25	-3.92	43.19	-30.71
KUKUIHAELE MILL 206	A 2.88	-1.71	.93	-4.81	9.72	2.20	6.78	.39	1.10	-3.33	.51	-1.54	.57	-3.08	1.35	-2.89	.32	-1.73	4.80	-.02	5.48	.51	5.39	-1.78	39.83	-17.75
KULANI CAMP 79	8.76		6.20		14.02		20.42		7.68		3.97		2.60		1.97		1.24		9.18		9.15		25.14		110.33	
KULANI MAUKA 76	A 2.43		2.25		4.40		6.55		1.65		.30		.54		.55		.85		4.54		2.55		8.80		35.41	
KULANI SCHOOL SITE 78	AE 8.43		5.27		10.30		17.99		4.84		4.53		2.13		2.22		2.04		2.87		7.50		22.56		E 90.68	
LANIHAU 68.2	5.80		4.82		6.94		11.60		9.55		14.29		7.89		5.49		12.61		19.07		4.01		1.32		103.39	
MAKAHALAU 103	6.03		.00		2.06		1.83		.95		.73		.90		1.02		3.55		1.22		2.88		1.50		22.67	
MANUKA 2	A 10.99		.96		5.86		4.40		7.90		3.10		4.00		3.10		4.20		4.40		4.20		2.80		55.91	
MAUNA KEA OBS 111.2	.17		.11		.83		.86		.16		.17		.06		.02		1.77		1.12		.49		.14		5.90	
MAUNA LOA SLOPE OBS	1.67		.26		3.52		2.23		1.97		.44		.93		.00		1.79		3.01		2.05		5.45		23.32	
MIDDLE HOLUALOA 68.1	A 5.38		.65		1.39		5.91		3.34		7.76		5.77		2.06		6.29		5.31		2.02		.78		46.66	
MIDDLE PEN 147.1	A 5.17		E .83		E 1.03		.30		1.35		1.32		.00		.22		2.73		5.07		.00		1.25		E 19.27	
MOAULA 18	A 2.35		1.50		5.80		1.30		1.19		2.00		1.30		1.19		1.00		5.73		5.80		14.10		43.26	
MOUNTAIN VIEW 91	8.06	-4.13	10.15	-5.88	20.19	-.19	36.32	16.46	13.75	-2.92	8.84	-1.82	6.18	-8.65	7.59	-9.22	3.80	-7.04	10.92	-3.11	18.69	.01	30.73	10.62	175.22	-15.87
NAALEHU 14	A 4.83		.89		20.56		2.68		1.40		3.51		1.00		1.97		1.71		6.66		3.70		11.10		60.01	
NAPOOPOO 28	A 3.70		3.42		2.41		4.07		4.85		6.67		4.66		2.34		8.87		6.99		2.50		1.27		51.75	
NIULII 179	A 8.06		1.75		5.61		5.07		.84		2.24		1.86		2.07		1.53		8.44		7.33		6.56		51.36	
OOKALA 223	8.42	1.28	2.76	-8.50	14.93	.87	15.92	2.78	4.27	-5.08	1.67	-2.76	2.98	-4.26	2.37	-7.06	.74	-3.85	4.91	-3.15	7.73	-2.64	18.28	4.49	84.98	-27.94
OPIHIHALE 2 24.1	6.71		3.84		2.17		4.30		6.32		5.96		3.47		3.16		10.89		5.59		3.25		1.68		57.34	
ORCHID LAND EST 91.5	A 9.10		9.57		15.75		27.32		12.48		5.95		6.80		5.45		4.89		5.08		19.24		20.57		142.20	
PAAUHAU 217	5.35	-.54	1.02	-6.05	9.77	-.92	10.99	3.20	1.47	-3.16	.53	-1.33	.45	-3.03	.76	-3.76	.39	-1.81	4.03	-1.00	4.15	-1.77	8.58	.05	47.49	-17.20
PAAUILO 221	5.74	-.81	1.91	-8.53	11.14	-1.80	13.46	2.28	1.94	-5.03	.82	-1.83	1.52	-3.24	.74	-5.88	.46	-2.27	4.96	-1.33	6.42	-1.86	12.66	.16	61.77	-30.14
PAHALA 21	A 3.73		1.97		8.36		2.21		1.91		2.02		.86		1.04		.80		6.52		6.85		7.53		43.80	
PAHOA 65	4.66	-6.36	10.21	-2.96	20.18	5.02	24.38	11.79	13.01	1.14	7.82	-.28	7.91	-2.29	6.14	-4.99	4.24	-4.26	9.07	-2.74	19.08	4.80	20.98	3.70	147.68	2.57
PAKAO 37	A 4.91		5.50		11.10		6.60		10.10		4.00		2.30		6.70		5.50		7.30		5.65		1.40		71.06	
PAPAIKOU 144.1	6.27	-3.11	8.28	-5.08	15.23	.64	21.30	7.48	9.75	-1.79	4.92	-2.06	7.48	-2.92	5.39	-7.04	2.43	-5.96	7.03	-4.80	9.39	-4.35	22.80	5.48	120.47	-23.51
PAPAIKOU MAUKA 140.1	9.47	-4.48	9.27	-8.72	27.70	4.26	33.35	10.11	12.70	-6.83	7.89	-4.07	9.26	-7.80	8.57	-12.54	2.38	-10.45	11.98	-5.02	15.81	-4.08	34.42	10.47	182.80	-39.21
PIHONUA 89	A 13.80		12.30		16.60		43.40		15.40		10.40		11.20		11.00		3.40		12.20		8.70		38.60		197.00	
POHAKULOA 107	A 3.29		.41		2.31		.93		1.08		.31		.69		.00		1.68		2.40		1.40		1.30		15.80	
PUAKO 95.1	A 2.21		2.19		.74		.04		.10		.29		.02		.17		.80		1.16		.43		.32		8.47	
PUU KIHE 120	A 8.62		2.37		.00		12.26		1.66		.60		.81		.00	E	3.13	E	3.23		4.15		9.74		E 46.57	
PUU LAAU 102.1	A 9.17		2.15		2.58		2.63		2.45		1.22		1.44		4.20		3.45		.79		2.07		.97		27.12	
PUU LEHUA 73	A 1.95		1.80		1.90		3.80		4.60		1.20		2.00		1.20		2.16		2.70		.95		.55		24.81	
PUU MALI 113	A 3.68		1.75		.00		4.16		1.57		2.53		.67		.00		.70		2.92		2.36		2.63		22.97	
PUU OO 82	A 1.07		1.07		11.27		.00		5.42		1.89		1.77		-		-		-		-		-		-	
PUU WAAWAA 94.1	A 11.37		5.56		3.41		2.80		1.89		4.09		2.18		.98		6.57		2.76		1.80		.59		44.00	
SADDLE ROAD 1 84	A 10.29		12.11		16.05		47.65		13.55		5.71		6.76		9.40		3.85		14.67		13.84		36.66		190.54	
SOUTH POINT CORRAL 3	A 4.30		1.59		5.86		1.75		.47		1.38		.23		1.05		.71		1.82		4.10		7.19		30.43	
UMIKOA 118	9.35	-.63	2.79	-7.03	6.02	-3.92	12.00	2.86	2.45	-1.67	.33	-1.51	1.19	-1.36	.36	-4.12	.97	-.99	4.19	-.55	9.34	2.23	10.88	-1.44	55.87	-20.13
UPOLU POINT USCG 159.2	4.16		-		-		-		-		-		-		-		-		-		-		-		-	
WAIAKEA SCD 88.2	8.98		9.16		21.26		33.67		14.37		8.46		7.35		7.81		1.37		11.88		15.58		32.63		172.52	
ISLAND	6.04		4.28		8.79		11.16		4.61		3.67		3.01		2.24		4.09		6.28		7.00		10.51		71.68	

See Reference Notes Following Station Index

TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

TABLE 2

STATION	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER		ANNUAL	
	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE	PRECIP	DEPARTURE
PACIFIC																										
• • •																										
EAST OF 180TH MERIDIAN																										
CANTON ISLAND	.00		.09		.66		2.73		2.11		2.88		3.97		1.10		1.39		.21		.04		.48		15.66	
FAGA ALU RESERVOIR	16.97		20.58		15.56		17.94		11.24		14.80		6.30		2.45		2.00		7.26		11.17		23.54		149.81	
JOHNSTON WSO AP R	.33-	2.26	1.45-	.50	3.79	.94	7.25	4.72	.87-	1.35	.07-	.96	.89-	.20	2.25-	.33	2.38	.33	.98-	2.50	1.09-	1.21	1.49-	1.90	22.84-	5.22
LEDNE	15.71		9.05		9.62		14.23		7.70		11.60		3.26		2.85		2.92		7.00		19.54		19.72		123.20	
FRENCH FRIGATE SHOALS	9.59	4.68	4.36	1.45	2.63-	1.15	.00-	3.16	.77-	1.55	1.08-	.39	1.74-	.42	1.57-	.17	-		-		-		-		-	
LOMA VILLAGE	8.63		9.13		17.70		14.89		9.60		11.40		3.83		1.99		2.31		5.80		10.55		17.23		113.06	
MIDWAY SAND ISLAND	8.89	4.22	2.43-	1.29	10.07	7.07	1.28-	1.09	10.21	7.99	2.53-	.43	3.36	1.90	4.24-	.09	4.01	.15	.71-	3.05	5.03	1.08	4.08-	.21	58.84	16.25
PAGO PAGO WSO AP R	9.26-	3.01	9.46-	4.70	9.67-	2.40	8.80-	3.46	8.07-	2.62	5.40-	4.01	.72-	6.22	1.19-	6.21	.99-	5.09	2.44-	9.66	12.73	2.42	9.16-	5.69	77.89-	50.65
SWAINS ISLAND	-		-		-		-		9.31		1.98		-		-		-		-		-		-		-	
• • •																										
WESTERN PACIFIC IS., NORTH OF 12 N																										
ANDERSEN AFB GUAM	9.64	.77	2.98-	1.08	11.78	9.08	14.55	10.88	9.89	5.49	6.94	2.30	9.29	.28	22.24	10.93	3.95-	9.61	12.17-	1.86	6.88-	1.08	4.83-	1.03	111.14	25.09
CLARK AFB LUZON	.17-	.42	1.28	.77	1.47	.62	7.65	6.12	4.20-	2.26	15.92	5.03	7.71-	4.75	29.69	12.27	5.70-	8.14	12.88	7.41	8.77	5.30	2.75	1.37	98.19	23.32
GUAM NAS	2.76-	1.80	1.81-	.91	9.27	6.99	10.41	6.58	13.22	8.50	8.03	3.12	12.83	3.73	21.42	9.54	8.25-	5.88	11.08-	2.06	6.41-	2.31	5.46	.39	110.95	25.89
GUAM WSO R	4.27-	.89	3.13-	1.13	12.25	9.31	14.83	10.80	12.00	7.51	10.46	5.27	9.32-	.27	25.66	13.50	9.96-	4.12	10.00-	4.40	8.03-	.48	6.20	.35	126.11	35.45
MANGILAO	4.51		3.29		9.44		10.36		14.14		10.06		13.37		18.04		11.46		13.63		E 7.10		6.03		E121.43	
ROTA	13.93		9.13		12.61		19.68		12.19		-		-		-		-		-		-		-		-	
SAIPAN USCG LORAN	4.04		3.78		6.24		7.93		5.31		5.76		-		-		-		-		-		2.76		-	
WAKE WSO AP R	4.25	3.17	2.13	.92	.59-	1.01	1.93-	.29	.96-	1.29	1.74-	.61	9.25	4.80	1.16-	5.19	4.94-	.75	3.18-	2.27	1.88-	1.14	1.73	.00	33.74-	3.66
• • •																										
CAROLINE AND MARSHALL ISLANDS																										
ANGUAR	39.50	28.81	9.01	2.59	9.89	3.05	10.92	3.36	15.19	4.70	14.29	3.09	18.00	2.60	11.76-	1.17	6.38-	4.39	23.49	12.13	12.10	2.16	15.00	5.05	185.53	61.98
ENIWETOK	6.82	5.72	.71-	.79	2.91	1.35	12.13	10.02	5.45	1.09	5.39	1.45	-		-		-		-		-		1.87-	1.23	-	
FALALOP I., ULITHI	-		5.40		7.34		-		-		-		6.41		13.51		5.23		12.33		-		7.11		-	
KAPINGAMARANGI ATOLL	-		4.26		15.31		9.95		-		14.21		-		-		-		-		-		12.18		-	
KOROR WSO R	28.13	17.34	7.98	.55	13.75	5.96	10.86	2.17	8.10-	6.43	9.72-	4.03	21.16	4.97	13.75-	1.65	14.80	1.81	22.47	9.88	15.71	5.04	18.54	5.67	184.97	41.28
KWAJALEIN WSO AP R	8.74	5.00	7.90	5.55	5.82-	.39	18.98	13.07	11.84	2.13	9.05-	.88	5.80-	3.90	17.21	7.01	10.28-	.59	12.62	.65	13.84	2.38	8.50-	.73	130.58	29.30
LELE I., KUSAIE R	9.41-	6.87	7.48-	12.63	17.61-	2.33	18.00-	5.22	10.37-	9.15	16.62-	2.18	18.08	.66	14.81-	1.88	15.14	.22	14.61	.94	8.90-	7.64	30.68	8.96	E181.71	37.14
MAJURO WSO AP R	11.09	2.13	8.07	1.09	7.18-	2.07	15.67	5.36	12.84	.69	13.66	1.49	12.48-	1.16	13.69	1.91	10.44-	3.95	19.90	3.90	9.29-	6.09	14.49	2.61	148.80	5.91
METALANIM	11.87		18.96		11.66		-		-		-		-		15.45		12.45		17.58		13.04		15.99		-	
NGASANG, BABELTHUAP	-		-		-		12.47		-		-		E12.49		5.27		4.82		-		12.27		11.82		-	
PONAPE WSO R	10.66-	1.09	16.56	5.12	18.81	3.77	22.24	2.66	16.74-	2.69	21.27	5.61	21.57	3.75	18.77	2.07	8.84-	7.92	17.30	.88	20.79	3.62	12.32-	3.63	205.87	12.15
SATAWAN ATOLL	-		-		-		-		-		-		-		-		-		-		-		-		-	
TRUK, MOEN I. WSO AP R	10.23	1.64	13.44	7.04	19.75	11.77	11.59-	1.58	13.47-	2.27	14.83	2.24	12.49-	2.92	10.72-	2.72	14.33	1.26	20.14	6.75	14.91	2.92	8.84-	5.08	164.74	19.05
WOLEAI ATOLL	11.23		6.09		12.03		-		-		-		-		-		-		-		-		9.59		-	
YAP WSO AP R	11.84	3.40	4.27-	1.14	9.99	4.41	10.07	4.09	9.77-	.26	14.30	3.40	14.40-	.24	12.33-	2.81	9.48-	3.61	19.11	6.69	18.85	8.82	13.30	3.42	147.71	26.17

See Reference Notes Following Station Index

TEMPERATURE EXTREMES

Station	Highest	Date	Lowest	Date
HAWAII				
* * *				
ISLAND OF KAUAI				
KANALOHULUHULU 1075	80	8-31	39	12- 6+
KILAUEA POINT 1133		-		-
LIHUE WSO 1020.1 AP	88	9-18	60	3-25
MAKAHUENA POINT 940.1		-		-
MANA 1026	94	7-20	58	3- 8+
NIU RIDGE 1035	90	8-17+	56	4-25+
WAIAHI LOWER 1054	88	8-19	52	3-25+
* * *				
ISLAND OF OAHU				
CHURCH COLLEGE LAIE	88	9-26+	59	3-25
EWA PLANTATION 741	92	8-26	57	3-25
HONOLULU WSO 703 AP	92	9-23+	58	3-24
HONOLULU SUBSTA 704	86	9-22+	63	3-16
KANEOHE MAUKA 781	87	9-23+	61	11-15+
LUALUALEI 804	90	8-31+	54	3-25
OPAEULA 870	89	9-23+	57	3-17
PRI WAHIAWA 820.2	92	10-14	55	3-25+
WAIALEE 896.3	91	9-23+	59	3-25
WAIALUA 847	93	8-18	55	3-17+
WAIKIKI 717.2	90	9-24+	58	3-25+
WAIMANALO EXP FARM	91	9- 5	60	3-24+
* * *				
ISLAND OF MOLOKAI				
MOLOKAI AP 524	96	4-14	54	12-12
* * *				
ISLAND OF LANAI				
LANAI CITY 672	88	10-21	54	11-21
* * *				
ISLAND OF MAUI				
HALEAKALA RS 338	74	8-10	32	11-15
HALEAKALA SUMMIT 338.4	70	6-12	28	11-15
HANA AIRPORT 355	90	9-25+	59	3-11
KAANAPALI AP 453.1		-		-
KAHULUI WSO 398 AP	93	8-23	56	3-10+
KAILUA 446		-	60	3-21+
KEAWAKAPU BEACH 260.2		-		-
KULA SANATORIUM 267	80	10- 7	49	11-16
LAHAINA 361	93	10- 2+	61	3-16+
WAILUKU 386	88	9-30+	60	3-11

Station	Highest	Date	Lowest	Date
* * *				
ISLAND OF HAWAII				
HAINA 214	87	9-19	58	2- 3
HAWAII VOLCNS NP HQ 54	78	8- 2	44	12- 2
HILO WSO 87 AP	90	10- 2	59	11-16+
KAINALIU 73.2	83	8-19	57	11-16+
KAMUELA 192.2	81	9-23+	45	12-30+
KEAAU 92	88	9-19	57	11-16+
KOHALA MISSION 175.1	87	9-21	59	2-20
KONA (KAILUA) 68.3	87	10-22+	63	2- 1+
KULANI CAMP 79	81	8-31	35	12-30
MAUNA LOA SLOPE OBS	62	7- 8+	26	12-20+
MOUNTAIN VIEW 91	87	1-11	54	11-15
NAALEHU 14	86	1-16	60	4-29+
OOKALA 223	89	10-13+	58	5-12
OPIHIHALE 2 24.1	85	10- 5+	54	2- 2+
PAHALA 21	89	1- 9	56	3-11+
PUAKO 95.1	89	8-13+	61	12-31+
UPOLU POINT USCG 159.2		-		-
PACIFIC				
* * *				
EAST OF 180TH MERIDIAN				
CANTON ISLAND	95	4- 4	71	2-13
JOHNSTON WSO AP	86	10-12+	68	4-10+
LEONE		-		-
FRENCH FRIGATE SHOALS	93	6-17+	60	1-19+
MIDWAY SAND ISLAND	87	11-16+	52	3-22
PAGO PAGO WSO AP	89	12- 8+	65	8- 4
SWAINS ISLAND		-		-
* * *				
WESTERN PACIFIC ISL NORTH OF 12 N				
ANDERSEN AFB GUAM	88	4- 2	72	9-21+
CLARK AFB LUZON	97	4-19	61	1-15
GUAM NAS	94	6-27	71	3-20+
GUAM WSO	90	9-22	63	1-25
SAIPAN USCG LORAN		-		-
WAKE WSO AP	91	8-29	66	1-10
* * *				
CAROLINE AND MARSHALL ISLANDS				
ENIWETOK		-		-
FALALOP I, ULITHI		-		-
KAPINGAMARANGI ATOLL		-		-
KOROR WSO	92	11- 2+	70	1-16
KWAJALEIN WSO AP	89	10-15+	73	12-11+
LELE I. KUSAIE	93	11-19+	65	3-19
MAJURO WSO AP	87	11-30+	72	8-18
METALANIM		-		-
PONAPE WSO	92	4-26+	66	1-12+
TRUK, MOEN I, WSO AP	90	11-19+	70	7- 7
WOLEAI ATOLL		-		-
YAP WSO AP	89	11-26+	69	9- 4+

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1974

Station		Jan	Feb.	Mar	Apr.	May	June	July	Aug	Sept.	Oct.	Nov.	Dec.	Annual
HAWAII														
* * * ISLAND OF KAUAI														
LIHUE WSO 1020.1 AP	EVAP	4.69	6.05	7.19	-	-	9.64	10.24	10.24	8.52B	7.27B	7.57B	6.38B	-
	WIND	37398	38978	3714	-	-	4289	4790	4645	3192	4441	52708	64618	-
	MAX	78.9	82.5	82.9	-	-	85.7	87.6	89.0	89.6	85.4	79.3	78.7	-
	MIN	63.4	61.9	61.5	-	-	66.0	66.7	67.2	66.5	66.6	62.6	62.4	-
* * * ISLAND OF OAHU														
HONOLULU OBSERV 702.2	EVAP	4.55	5.24	6.28	7.31B	7.58	8.44	8.63	8.64	7.21	6.25B	5.09	5.43	80.65
	WIND	1318	931	1108	1103	988	983	1052	1042	751	-	594	874	-
	MAX	85.2	83.9	84.9	87.8	88.7	89.0	90.5	90.5	92.5	87.5	83.1	82.2	87.2
	MIN	66.9	62.5	62.6	64.7	65.2	66.6	67.1	67.6	67.7	66.6	63.7	63.0	65.4

See Reference Notes Following Station Index

Table 4

TOTAL EVAPORATION AND WIND MOVEMENT

HAWAII AND PACIFIC
1974

Station		Jan	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct	Nov	Dec	Annual
PACIFIC														
JOHNSTON WSO AP	EVAP	8.44	8.92	8.80B	10.55B	11.20	11.63	11.93	11.09B	9.95B	10.34	9.38	10.12	122.35
	WIND	4389	6079	5873	7377	6692	6061	6654	6298	5562	5873	6572	7647	75077
	MAX	89.2	88.1	88.9	88.3	90.0	91.7	91.6	92.3	91.4	91.8	88.3	84.5	89.7
	MIN	70.1	71.3	71.9	72.1	73.0	73.7	73.8	74.3	74.2	72.3	72.2	70.5	72.5
* * * WESTERN PACIFIC ISL; NORTH OF 12 N														
GUAM WSO	EVAP	5.81	6.62	6.90	8.27	7.21	5.88	-	5.09	5.61B	6.28	5.73B	6.93	-
	WIND	2889	3838	4694	4854	3378	2255	-	1902B	1113	2793B	4301	5292B	-
	MAX	86.5	87.7	86.0	87.9	90.1	91.0	-	89.5	92.0	89.8	86.9	85.4	-
	MIN	70.7	71.8	71.0	72.5	73.1	72.9	-	73.6	72.7	73.3	73.3	71.4	-

See Reference Notes Following Station Index

STATION INDEX

Station	Index No.	Division No.	DISTRICT	Drainage ‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
HAWAII													
ISLAND OF KAUAI													
ALEXANDER RESV. 983	0140	02	KOLOA	2	21 57	159 32	1610						C
ANAHOLA 1114 A	0145	01	KAWAIHAU	1	22 08	159 18	180		45				2 C
BRYDESWOOD STA 985 A	0240	02	KOLOA	2	21 56	159 32	720		66				2
EAST LANAI 934 A	0456	02	KOLOA	2	21 55	159 30	440		74				2
EKW 3 RESERVOIR 1094.1	0465	02	KAWAIHAU	2	22 06	159 22	275						C
ELEELE 927 A	0470	02	KOLOA	2	21 54	159 35	163		75				2
HALAULA 1110 A	0935	01	KAWAIHAU	1	22 07	159 19	253		74				2
HALENANAHO 1006 A	1038	02	LIHUE	2	21 58	159 26	490		44				2
HANALEI TUNNEL 1053 A	1170	01	KAWAIHAU	1	22 05	159 28	1218						S
HUKIPO 945	2161	03	WAIMEA	3	21 59	159 41	800		35				2
ILILIULA INTAKE 1050 A	2222	02	LIHUE	2	22 02	159 28	1050		41				2
INTAKE WAINIHA PC 1086A	2227	01	HANALEI	1	22 09	159 34	690		11				2
KANALOHULUHULU 1075	3099	03	WAIMEA	3	22 08	159 40	3600	11	21				1 2 3 C
KANEHA RESERVOIR 1092 A	3104	01	KAWAIHAU	1	22 08	159 23	830		13				2
KAPAA STABLES 1104 A	3159	01	KAWAIHAU	1	22 05	159 20	175		35				2 C
KEALIA 1112 A	3982	01	KAWAIHAU	1	22 06	159 19	9		76				2
KEKAHA 944	4272	03	WAIMEA	3	21 58	159 43	9		81				2 C
KILAUEA 1134 A	4561	01	HANALEI	1	22 13	159 25	320		90				2 C
KILAUEA FIELD 17 1135 A	4566	01	HANALEI	1	22 11	159 24	415		45				2
KILAUEA POINT 1133	4568	01	HANALEI	1	22 14	159 24	180	24	25				1 2 3
KITANO 1037.1	4650	03	WAIMEA	3	22 02	159 41	2150						C
KOLO 1033	4735	03	WAIMEA	3	22 04	159 46	36		39				2
KOLOA 936 A	4742	02	KOLOA	2	21 55	159 28	240		89				2
KOLOA MAUKA 994 A	4750	02	KOLOA	2	21 58	159 29	640		71				2
KOLOKO RES 1137 A	4758	01	KAWAIHAU	1	22 11	159 23	650		42				2
KUKUIULA 935 A	4950	02	KOLOA	2	21 54	159 30	100		73				2
LIHUE VARIETY STA A	5560	02	LIHUE	2	22 01	159 23	375		13				2 C
LIHUE 1020 A	5575	02	LIHUE	2	21 59	159 22	207		71				2
LIHUE WSO 1020.1 AP R	5580	02	LIHUE	2	21 59	159 21	103	25	25	21			1 2 34C
MAKAHUENA POINT 940.1	5785	02	KOLOA	2	21 52	159 27	52	18	18				1 2 3
MAKAWELI 968 A	5864	03	WAIMEA	3	21 55	159 38	140		84				2
MANA 1026	6082	03	WAIMEA	3	22 02	159 46	20	62	71				1 2 3
M+M 1001	6097	02	KOLOA	2	21 55	159 28	300						C
MOHIHI UPR CROSS 1083 A	6433	01	WAIMEA	3	22 07	159 36	3500		11				2 S
MOLOAA 1145 A	6529	01	KAWAIHAU	1	22 11	159 20	330		49				2
MOUNT WAIALEALE 1047 R	6565	03	WAIMEA	2	22 04	159 30	5148		28				2 S
NIU RIDGE 1035	6850	03	WAIMEA	3	22 02	159 44	1250	30	36				1 2 3
N WAILUA DITCH 1051 A	6888	02	LIHUE	2	22 04	159 28	1110		48				2
N WAILUA RIVER 1055 A	6893	02	KIHUE	2	22 04	159 26	650						S
PH WAINIHA 1115	8155	01	HANALEI	1	22 12	159 34	101		68				2 C
PRINCEVILLE RANCH 1117	8165	01	HANALEI	1	22 13	159 29	295		66				2 C
PUEHU RIDGE 1040	8205	03	WAIMEA	3	22 01	159 42	1660		36				2
PUHI 1013 A	8217	02	LIHUE	2	21 58	159 24	329		40				2
RESERVOIR 6 1004 A	8573	02	LIHUE	2	21 57	159 27	420		62				2
STABLE CAMP 1055.1	8694	02	LIHUE	2	22 04	159 27	740						C
WAHIAWA 930 A	8941	02	KOLOA	2	21 54	159 34	215		71				2 C
WAIAHI LOWER 1054	8958	02	LIHUE	2	22 01	159 27	565	21	46				1 2 3
WAIAHI UPPER 1052	8966	02	LIHUE	2	22 01	159 28	780		43				2
WAIAWA 943	9253	03	WAIMEA	3	21 59	159 43	10		81				2
WAILUA KAI 1065 A	9467	02	LIHUE	2	22 02	159 21	50		13				2
WAIMEA 947	9629	03	WAIMEA	3	21 58	159 41	20		63				2
WEST LANAI 931 A	9955	02	KOLOA	2	21 54	159 31	210		74				2
ISLAND OF OAHU													
AHUIMANU LOOP 839.12	0055	01	KOOLAUPOKO	1	21 26	157 51	320						C
BERETANIA PUMPING STA	0211	02	HONOLULU	2	21 19	157 51	20		17				2
CAMPBELL IND PK 702.5	0248	02	OAHU	3	21 19	158 07	10		4				2
CAMP 84 807 A	0300	03	EWA	3	21 26	158 04	760		20				2 C
CHURCH COLLEGE LAIE	0340	01	KOOLAUPOKO	1	21 39	157 56	20	3	9				1 2 3
COCONUT ISLAND 840.1	0350	01	KOOLAUPOKO	1	21 26	157 47	15		18				2
DOWSETT HIGHLDS 780.8	0438	02	HONOLULU	2	21 21	157 50	565						C
EWA PLANTATION 741	0507	03	EWA	3	21 21	158 02	50	69	84				1 2 3
HALAWA SHAFT 771.2	0964	02	HONOLULU	2	21 23	157 54	170						C
HAWAII KAI 724.11	1298	02	HONOLULU	2	21 18	157 43	30					APR	C
HELEMANO INTAKE 881 A	1384	05	WAIALUA	5	21 33	158 00	1274		58				2 C
HOKULOA 725.2 A	1540	03	EWA	3	21 24	158 06	2220		11				2 C
HONOLULU OBSERV 702.2	1918	03	EWA	3	21 19	158 00	5		13	13			2 4
#HONOLULU WSO 703 AP K	1919	02	HONOLULU	2	21 20	157 55	7	29	29				1 2 3 C
#HONOLULU SURSTA 704 R	1924	02	HONOLULU	2	21 19	157 52	12	71	71				1 2 3 C
H S P A EXP STA 707	2146	02	HONOLULU	2	21 18	157 50	50		58				2
KAALAKEI 724.6	2269	02	HONOLULU	2	21 18	157 43	10						C
KAENA POINT 841.3	2410	04	WAIALUA	4	21 34	158 15	1240		3				2
KAHANA 883 A	2462	01	KOOLAULOA	1	21 31	157 54	800		58				2
KAHUKU 912 A	2570	01	KOOLAULOA	1	21 41	157 57	25		83				2 C
KAILUA FIRE STA 791.3	2683	01	KOOLAUPOKO	1	21 24	157 45	10		17				2 C

STATION INDEX

Station		Index No.	Division No.	DISTRICT	Drainage	Latitude	Longitude	Elevation	Years of record: Temp.	Precip.	Evap.	Opened or closed during yr.: Month opened	Month closed	Refer to tables
ISLAND OF OAHU														
KALAMA VALLEY 724-13		2842	02	OAHU	2	21 18	157 41	75				JUN		C
KALIHI RES SITE 777	R	2960	02	HONOLULU	2	21 23	157 50	910		48				2
KANEOHE MAUKA 781		3113	01	KOOLAUPOKO	1	21 25	157 49	225	35	47				1 2 3
KAPALAMA 773	A	3268	02	HONOLULU	2	21 21	157 52	614		53				2
KAWAIHAPAI 841	A	3734	05	WAIALUA	5	21 35	158 11	40		46				2
KAWAI IKI INTAKE 880.2	A	3741	05	WAIALUA	5	21 34	157 59	1180		20				2
KEMOO CAMP 8 855	A	4318	05	WAIALUA	5	21 33	158 05	725		51				2
KOOLAU DAM 833	A	4766	05	WAHIAWA	5	21 30	157 58	1160		61				2
LUALUALEI 804	A	5647	04	WAIANAE	4	21 26	158 08	113		39				1 2 3 C
LUALUALEI WTR TUNNEL	A	5650	04	WAIANAE	4	21 29	158 08	1500		21				2
LULUKU		5655	01	KOOLAUPOKO	1	21 24	157 49	240						C
MAKAHA KAI 796.1	A	5766	04	WAIANAE	4	21 28	158 13	15		49				2
MAKAHA PUMP 800.2	A	5782	04	OAHU	4	21 29	158 12	400						2 C
MAKAPUU POINT 724		5800	02	HONOLULU	2	21 19	157 39	538	26	63			JAN	1 2 3
MANOA 712.1		6122	02	HONOLULU	2	21 19	157 49	220		57				2
MANOA TUNNEL 2 716	R	6130	02	HONOLULU	2	21 20	157 48	650		48				2
MAUNAWILI 787.1		6222	01	KOOLAUPOKO	1	21 21	157 46	410						C
MOANALUA 770		6395	02	HONOLULU	2	21 21	157 54	20		75				2
MOMILANI 839.1		6547	03	OAHU	3	21 25	157 58	325						C
MOUNT KAALA 844		6553	04	WAIANAE	4	21 31	158 09	4015						C
NUUANU RES 4 783		6928	02	HONOLULU	2	21 21	157 49	1048		71				2
NUUANU RESERVOIR #5	A	6933	02	HONOLULU	2	21 20	157 50	410		86				2
OPAEULA 870	A	7150	05	WAIALUA	5	21 34	158 02	1060	70	71				1 2 3 C
PALI GOLF COURSE 788.1		7656	01	OAHU	1	21 23	157 47	480		4				2
PALOLO VALLEY 718	R	7664	02	HONOLULU	2	21 20	157 46	995		48				2
PAUOA FLATS 784	R	7810	02	HONOLULU	2	21 21	157 48	1640		48				2
PORTLOCK ROAD 724.4		8126	02	HONOLULU	2	21 16	157 43	30		12				2
PRI WAHIAWA 820.2	A	8172	05	WAHIAWA	5	21 28	158 01	700	10	10				1 2 3 C
PUNALUU PUMP 905.2		8314	01	KOOLAULOA	1	21 35	157 54	20						C
PUNCHBOWL CRATER 709	A	8316	02	HONOLULU	2	21 19	157 51	360		25				2
PUPUKEA HEIGHTS 896.4		8342	01	WAIALUA	1	21 39	158 02	900						C
ST STEPHENS SEM 788		8600	01	KOOLAUPOKO	1	21 22	157 47	488		33				2
SEA LIFE PARK 724.13		8665	01	OAHU	1	21 19	157 40	40				JAN		C
TANTALUS PEAK 780		8730	02	HONOLULU	2	21 20	157 49	2000						C
TANTALUS 2 780.5		8738	02	HONOLULU	2	21 20	157 50	1325		12				
UNIV OF HAWAII 713	A	8815	02	HONOLULU	2	21 18	157 49	79		50				2
UPPER WAHIAWA 874.3		8838	05	OAHU	5	21 31	158 01	1115		4				2
WAHIAWA DAM 863	A	8945	05	WAHIAWA	5	21 30	158 03	854		62				2 C
WAIAHOLE 837	A	8964	01	KOOLAUPOKO	1	21 28	157 53	745		59				2 C
WAIALAE KAHALA 715		9185	02	HONOLULU	2	21 17	157 47	40		53				2
WAIALEE 896.3		9190	01	KOOLAULOA	1	21 41	158 02	33	4	4				1 2 3
WAIALUA 847	A	9195	05	WAIALUA	5	21 35	158 07	32	68	75				1 2 3 C
WAIANAE 798.2	A	9231	04	WAIANAE	4	21 27	158 11	10		80				2
WAIANAE KAWIWI 801.1		9234	04	OAHU	4	21 28	158 11	40						C
WAIANAE MAUKA 803	A	9238	04	WAIANAE	4	21 29	158 09	1575		70			MAY	2
WAIAWA 836	A	9261	03	EWA	3	21 28	157 56	800		59				2
WAIKANE 885	A	9340	01	KOOLAUPOKO	1	21 30	157 53	760		59				2
WAIKIKI 717.2		9397	02	HONOLULU	2	21 16	157 49	10	11	11				1 2 3
WAILUPE VLY SCH 723.6		9500	02	HONOLULU	2	21 18	157 45	180						C
WAIMANALO EXP FARM		9523	01	KOOLAUPOKO		21 20	157 43	60						1 2 3
WAIMANALO NONOKI 795.2		9534	01	OAHU	1	21 20	157 43	120						C
WAIMEA 892	A	9593	05	WAIALUA	5	21 38	158 04	330		59				2 C
WAIPAHU 750	A	9738	03	EWA	3	21 23	158 01	59		77				2
WILHELMINA RISE 721	R	9980	02	HONOLULU	2	21 18	157 47	1100		48				2
ISLAND OF MOLOKAI														
KALAUPAPA 563	A	2896	01	MOLOKAI	1	21 12	156 59	30		11				2
KAUNAKAKAI 536		3541	01	MOLOKAI	1	21 06	157 01	12		21				2
KAUNAKAKAI MAUKA 536.5		3547	01	MOLOKAI	1	21 06	157 01	70						C
KEONELELE PENS 551	A	4394	01	MOLOKAI	1	21 12	157 12	560		12				2
KUALAPUU 534	A	4778	01	MOLOKAI	1	21 09	157 02	878		76				2 C
MAPULEHU 542		6138	01	MOLOKAI	1	21 04	156 48	20		56				2
MAUNALOA 511	A	6190	01	MOLOKAI	1	21 08	157 13	1070		47				2 C
MOLOKAI AP 524		6534	01	MOLOKAI	1	21 09	157 06	450	24	26				1 2 3
PUKOO KAI 545.1		8221	01	MOLOKAI	1	21 05	156 48	10						C
PUUOHOKU RANCH 542.1		8549	01	MOLOKAI	1	21 09	156 44	700		13				2 C
WAIKOLU 540	A	9404	01	MOLOKAI	1	21 08	156 55	3550		11				2 C
ISLAND OF LANAI														
KANEPUU 690	A	3130	01	LAHAINA	1	20 52	157 00	1650		21				2 C
KAUMALAPAU HARBOR 658		3461	01	LAHAINA	1	20 47	157 00	30		13				2 C
LANAI AIRPORT 656		5275	01	LAHAINA	1	20 48	156 57	1300	1	1		MAR		1 2 3
LANAI CITY 672	A	5286	01	LAHAINA	1	20 50	156 55	1620	42	46				1 2 3
LANAIHALE 684	A	5301	01	LAHAINA	1	20 49	156 53	3370		13				2
MAHANA 694	A	5704	01	LAHAINA	1	20 52	156 55	1430		21				2
MALAUEA 676	A	6012	01	LAHAINA	1	20 46	156 55	1150		13				2 C
WAIAKEAKUA 685	A	9021	01	LAHAINA	1	20 47	156 52	2040		21				2
ISLAND OF MAUI														
AUWAHI 252	A	0175	02	HANA	2	20 37	156 20	2060		13				2

STATION INDEX

Station		Index No.	Division No.	DISTRICT	Drainage ‡‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ISLAND OF MAUI														
FIELD 46 474		0541	04	LAHAINA	4	20 59	156 38	1050						C
HAELAAU 477		0790	04	LAHAINA	4	20 57	156 36	2980						S
HAIKU KUIAHA 486.4		0834	02	MAKAWAO	1	20 55	156 19	525						C
HALEAKALA 8 E S 434	A	0995	01	MAKAWAO	1	20 51	156 18	2100		54				2
HALEAKALA RANCH 432	A	0999	01	MAKAWAO	1	20 50	156 19	1850		84				2
HALEAKALA RS 338		1004	02	MAKAWAO	2	20 46	156 15	7030	30	37				1 2 3
HALEAKALA SUMMIT 338.4	A	1008	02	MAKAWAO	2	20 43	156 16	9960	15	15				1 2 3 C
HALIIMAILE 423	A	1075	01	MAKAWAO	1	20 52	156 21	1070		12				2
HAMAKUAPOKO 485		1086	01	MAKAWAO	1	20 55	156 21	320		92				2
HANA 354	A	1122	01	HANA	1	20 45	155 59	120		13				2 C
HANA AIRPORT 355		1125	01	HANA	1	20 48	156 01	61	25	25				1 2 3
HANAHULI 281		1148	01	HANA	1	20 41	156 01	325		27				2
HOLUA CABIN 259.5	A	1552	02	MAKAWAO	2	20 45	156 13	6930		12				2
HONOKOHAU 480	A	1882	04	LAHAINA	4	20 58	156 36	870		11				2
HONOKOHUA 493	A	1887	04	LAHAINA	4	21 00	156 39	135		48				2
HONOLUA FLD 49 494		1914	04	LAHAINA	4	21 01	156 38	125						S
HONOMANU GULCH 341	A	1935	01	MAKAWAO	1	20 47	156 14	6280		40				2
IAO NEEDLE 387.2		2208	03	WAILUKU	3	20 53	156 33	1100						C
KAANAPALI AP 453.1		2307	04	LAHAINA	4	20 56	156 42	8	8	8				1 2 3
KAHAKULOA MAUKA 482.3		2453	03	WAILUKU	4	20 59	156 33	650						C
KAHOMA INTAKE 374	A	2552	04	LAHAINA	4	20 54	156 38	2000		65				2
KAHULUI WSO 398 AP	R	2572	03	WAILUKU	3	20 54	156 26	48	20	20				1 2 3 C
KAILIILI 436	A	2630	01	MAKAWAO	1	20 51	156 16	2520		51				2
KAILUA 446		2679	01	MAKAWAO	1	20 54	156 13	700	63	72				1 2 3
KAUAULA INTAKE 375	A	3433	04	LAHAINA	4	20 53	156 38	1585		57				2
KAUPO RANCH HOUSE 259		3576	02	HANA	2	20 39	156 08	1020						C
KEAHUA 410		3910	03	MAKAWAO	3	20 52	156 23	480		57				2
KEANAE 346	A	4091	01	HANA	1	20 50	156 10	980		71				2
KEAWAKAPU BEACH 260.2		4193	02	MAKAWAO	2	20 42	156 27	20		12				1 2 3
KIHEI 311		4489	03	WAILUKU	3	20 47	156 27	90		53				2 C
KIPAHULU 258		4634	01	HANA	1	20 39	156 04	260		75				2
KUKUI 380		4887	04	LAHAINA	4	20 54	156 35	5788						S
KULA HEIGHTS 323.2		5003	02	MAKAWAO	2	20 47	156 19	2520		12				2 C
KULA SANATORIUM 267		5006	02	MAKAWAO	2	20 42	156 22	3004	38	58				1 2 3
LAHAINA 361		5177	04	LAHAINA	4	20 53	156 41	45	31	62				1 2 3 C
LAUNIUPOKO INTAKE 376	A	5404	04	LAHAINA	4	20 51	156 37	1280		62				2
LAUNIUPOKO VILLAGE 372	A	5408	04	LAHAINA	4	20 51	156 39	220		49				2
LUPI UPPER 442	A	5665	01	MAKAWAO	1	20 53	156 15	1240		78				2
MAHINAHINA 466	A	5715	04	LAHAINA	4	20 57	156 40	715		62				2
MOKUPEA 475		6521	04	LAHAINA	4	20 59	156 37	1290						S
NAKALELE FIELD 60 497	A	6645	04	LAHAINA	4	21 02	156 36	340		38				2
OLINDA 332	A	7040	01	MAKAWAO	1	20 48	156 17	4127		58				2
OLOWALU 296		7059	04	LAHAINA	4	20 49	156 38	7		12				2
		7079												
PAAKEA 350		7194	01	HANA	1	20 49	156 07	1260		71				2 C
PAIA 406		7566	01	WAILUKU	1	20 55	156 23	170		71				2
PANILEIHULU 259.2	A	7674	02	HANA	2	20 41	156 08	3570		12				2
POHAKEA BRIDGE 307.2	A	8060	03	WAILUKU	3	20 49	156 31	167		22				2
POLIPOLI SPRINGS 267.2	A	8070	02	MAKAWAO	2	20 41	156 20	6150		12				2
PUOHOKAMOA 2 343	A	8336	01	HANA	1	20 50	156 13	2980		47				2
PUUNENE 396		8543	03	WAILUKU	3	20 53	156 27	60		71				2
PUU PAKI 352	A	8553	01	HANA	1	20 46	156 03	2160						S
SPRECKELSVILLE 400.2		8688	03	WAILUKU	3	20 54	156 25	85		68				2
TWIN GATES 261.3	A	8742	03	MAKAWAO	3	20 46	156 23	1310		12				2
UKULELE 333	A	8744	01	MAKAWAO	1	20 48	156 15	5230		70				2
UKUMEHAME 301	A	8750	04	LAHAINA	4	20 48	156 35	75		46				2
ULUPALAKUA RANCH 250		8760	02	MAKAWAO	2	20 39	156 24	1900		21				2 C
WAHIKULI 364	A	8955	04	LAHAINA	4	20 54	156 40	580		55				2
WAIEHU CAMP 484	A	9275	03	WAILUKU	3	20 55	156 31	320		66				2
WAIHEE VALLEY 482	A	9315	04	WAILUKU	4	20 57	156 32	300		59				2
WAIKAMOI 449	A	9332	01	HANA	1	20 52	156 12	1200		69				2
WAIKAMOI DAM 336	A	9335	01	MAKAWAO	1	20 49	156 14	4320		58				2 C
WAIKAPU 390	A	9376	03	WAILUKU	3	20 52	156 31	470		81				2
WAILUA IKI 348	A	9460	01	HANA	1	20 48	156 09	2630						S
WAILUKU 386	A	9484	03	WAILUKU	3	20 54	156 30	180	64	74				1 2 3
WAIOPAI RANCH 256	A	9765	02	HANA	2	20 38	156 12	220		77				2
ISLAND OF HAWAII														
AHUA UMI 75	A	0040	05	N KONA	5	19 38	155 47	5220		52				2
AWINI 182.1	A	0190	01	N KOHALA	1	20 10	155 43	1870		70				2
CITY OF REFUGE 27.4		0344	04	S KONA	4	19 25	155 55	15	5	5				2
EAST HONOKANE 183.2	A	0450	01	S KOHALA	1	20 07	155 43	4220		50				2
HAINA 214		0840	01	HAMAKUA	1	20 06	155 28	460	66	86				1 2 3 C
HAKALAU 142		0905	02	S HILO	2	19 54	155 08	105		84				2
HALEMAUMAU 52	A	1033	03	KAU	3	19 24	155 17	3648		43				2
HALEPIULA 117	A	1060	01	HAMAKUA	1	19 56	155 24	5770		61				2
HALEPOHAKU 111	A	1065	02	HAMAKUA	2	19 46	155 28	9220		36				2
HAWAII VOLCNS NP HQ 54		1303	02	KAU	2	19 26	155 16	3971	62	63				1 2 3 C

STATION INDEX

Station	Index No.	Division No.	DISTRICT	Drainage ‡‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ISLAND OF HAWAII													
HAWI 168 A	1339	01	N KOHALA	1	20 14	155 50	600		76				2 C
HILO COUNTRY CLUB 86.6	1487	02	HAWAII	2	19 41	155 10	1480		5				2 C
HILO WSO 87 AP R	1492	02	S HILO	2	19 43	155 04	27	29	33				1 2 3 C
HOLUALOA 70 A	1557	04	N KONA	4	19 38	155 55	3220		47				2
HOLUALOA BEACH 68 A	1562	04	N KONA	4	19 37	155 59	14		55				2
HOLUALOA MAKAI 69.16	1570	04	HAWAII	4	19 38	155 58	1040						C
HONAUNAU 27	1665	04	S KONA	4	19 27	155 53	1089		37				2
HONOHINA 137	1701	02	N HILO	2	19 56	155 09	300		82				2
HONOKANE 181.1 A	1864	01	N KOHALA	1	20 09	155 44	800		70				2
HONOMU MAUKA 138	1960	02	S HILO	2	19 51	155 09	1100		37				2 C
HONUAULA 71 A	2047	04	N KONA	4	19 40	155 53	6250		46				2
HUALALAI 72 A	2151	04	N KONA	4	19 42	155 52	8190		47				2
HUEHUE 92.1 A	2156	04	N KONA	4	19 45	155 59	1960		72				2
KAALA IKI 19 A	2249	03	KAU	3	19 08	155 34	1340		37				2
KAAWALOA 29 A	2327	04	N KONA	4	19 30	155 55	1340		34				2
KAHIAWAI 3.4	2512	03	KAU	3	19 08	155 46	3700						C
KAINALIU 73.2	2751	04	N KONA	4	19 32	155 56	1500	40	45				1 2 3
KALAPANA NO 1 67.8	2894	02	S HILO	2	19 20	155 02	10		9				2
KAMAOA NO 2 5 A	3048	03	KAU	3	19 02	155 40	1375		21				2
KAMUELA 192.2	3077	01	S KOHALA	1	20 01	155 40	2670	39	85				1 2 3
KAPAPALA RANCH 36 A	3300	03	KAU	3	19 17	155 27	2140		89				2
KAPOHO LANDING 93.5 A	3369	02	PUNA	2	19 30	154 52	290		13				2
KAWAINUI LOWER 193 A	3770	01	HAMAKUA	1	20 05	155 39	1080		65				2
KEAAU 92	3872	02	PUNA	2	19 38	155 02	285	13	13				1 2 3
KEAIWA CAMP 22.1	3925	03	KAU	3	19 14	155 29	1700						C
KEALAKEKUA 26.2	3977	04	S KONA	4	19 30	155 55	1450						C
KEANAKOLU CAMP 124.2	4098	02	HAMAKUA	2	19 55	155 21	5280						C
KEHENA 181.2 A	4245	01	N KOHALA	1	20 07	155 45	3840		64				2
KIOLAKAA A & F 6 A	4625	03	KAU	3	19 04	155 38	1925		46				2
KIPA 89.2 A	4632	02	S HILO	2	19 44	155 09	1490		23				2
KOHALA MAULILI 176 A	4675	01	N KOHALA	1	20 13	155 47	960		68				2
KOHALA MISSION 175.1	4680	01	N KOHALA	1	20 14	155 48	537	68	85				1 2 3
KOIAWE LOWER 196 A	4685	01	HAMAKUA	1	20 05	155 38	720		65				2
KONA (KAILUA) 68.3 A	4764	04	N KONA	4	19 39	156 00	30	26	26				1 2 3 C
KONA VILLAGE 93.8	4765	04	N KONA	4	19 50	155 59	20		8				2
KUKAIAU 222	4815	01	HAMAKUA	1	20 02	155 21	840		80				2
KUKUIHAELE HIC 199	4928	01	HAMAKUA	1	20 07	155 35	980		66				2
KUKUIHAELE MILL 206 A	4938	01	HAMAKUA	1	20 08	155 34	300		85				2
KULANI CAMP 79	5011	02	S HILO	2	19 33	155 18	5170	16	27				1 2 3
KULANI MAUKA 76 A	5018	05	N HILO	5	19 35	155 27	8300		24				2 C
KULANI SCHOOL SITE 78 A	5021	02	S HILO	2	19 35	155 20	5735		28				2
LALAMILO FLD OFF 191.1	5260	01	S KOHALA	1	20 01	155 41	2615						C
LANIHAU 68.2	5330	04	N KONA	4	19 40	155 58	1530		33				2
LAVA TREE PARK 66.1	5460	02	PUNA	2	19 29	154 54	650						C
MAKAHALAU 103	5761	02	HAWAII	1	19 59	155 33	3820		4				2
MANUKA 2 A	6134	03	KAU	3	19 07	155 50	1760		46				2
MAUNA KEA OBS 111.2	6183	02	HAWAII	2	19 49	155 28	13770		4				2
MAUNA LOA SLOPE OBS	6198	05	HAMAKUA	5	19 32	155 35	11150	19	20				1 2 3
MIDDLE HOLUALOA 68.1 A	6268	04	N KONA	4	19 37	155 58	475		33				2
MIDDLE PEN 147.1 A	6270	01	N KOHALA	1	20 06	155 50	1380		11				2
MOAULA 18 A	6407	03	KAU	3	19 11	155 30	600		56				2
MOUNTAIN VIEW 91	6552	02	PUNA	2	19 33	155 07	1530	38	75				1 2 3
NAALEHU 14 A	6588	03	KAU	3	19 04	155 35	673	21	86				1 2 3
NAPOOPOO 28 A	6697	04	S KONA	4	19 28	155 55	395		35				2
NIULII 179 A	6806	01	N KOHALA	1	20 14	155 45	75		90				2
OOKALA 223	7131	02	N HILO	2	20 01	155 17	430	55	85				1 2 3
OPIHIHALE 2 24.1	7166	04	S KONA	4	19 16	155 53	1270	17	18				1 2 3
ORCHID LAND EST 91.5 A	7185	02	PUNA	2	19 34	155 00	445		12				2
PAAUHAU 217	7204	01	HAMAKUA	1	20 05	155 26	415		85				2
PAAUILO 221	7312	01	HAMAKUA	1	20 03	155 22	800		72				2
PAHALA 21 A	7421	03	KAU	3	19 12	155 29	870	65	83				1 2 3
PAHOA 65	7457	02	PUNA	2	19 30	154 57	670		65				2
PAKAO 37 A	7643	03	KAU	3	19 22	155 28	5000		46				2
PAPAIKOU 144.1	7711	02	S HILO	2	19 47	155 06	200		76				2
PAPAIKOU MAUKA 140.1	7721	02	S HILO	2	19 47	155 08	1270		49				2
PIIHONUA 89 A	8051	02	S HILO	2	19 44	155 10	1730		50				2
POHAKULOA 107 A	8063	02	HAMAKUA	2	19 45	155 32	6511		38				2 C
PUAKO 95.1 A	8186	05	KOHALA	5	19 59	155 50	5		13				1 2 3
PUU KIHE 120 A	8393	01	HAMAKUA	1	19 54	155 24	7750		61				2
PUU LAAU 102.1 A	8452	05	HAMAKUA	5	19 50	155 36	7440		43				2
PUU LEHUA 73 A	8460	04	N KONA	4	19 34	155 49	4880		52				2
PUU MALI 113 A	8515	01	HAMAKUA	1	19 55	155 26	6960		43				2
PUU OO 82 A	8550	02	S HILO	2	19 44	155 23	6340		10				2 C
PUU WAAWAA 94.1 A	8555	05	N KONA	5	19 47	155 51	2520		72				2 C
SADDLE ROAD 1 84 A	8590	02	S HILO	2	19 42	155 12	2340		27				2
SOUTH POINT CORRAL 3 A	8675	03	KAU	3	18 57	155 41	500		27				2 C
UMIKOA 118	8780	01	HAMAKUA	1	19 59	155 23	3420		82				2
UPOLU POINT USCG 159.2	8830	01	N KOHALA	1	20 15	155 53	61	17	19				1 2 3

STATION INDEX

Station		Index No.	Division No.	DISTRICT	Drainage ‡‡	Latitude	Longitude	Elevation	Years of record: Temp.	Years of record: Precip.	Years of record: Evap.	Opened or closed during yr.: Month opened	Opened or closed during yr.: Month closed	Refer to tables
ISLAND OF HAWAII														
WAIAKEA SCD 88.2		9025	02	S HILO	219	40	155 08	1050		23				2
WAIKANONOULA 178.6		9350	01	N KOHALA	120	08	155 47	3830						C
PACIFIC														
EAST OF 180TH MERIDIAN														
CANTON ISLAND		4101	02	PHOENIX IS		2	46N171 43W	8	30	30		JAN		1 2 3
FAGA ALU RESERVOIR		4135	03	AMER SAMOA	14	18S	170 42W	820		19		AUG		2
JOHNSTON WSO AP	R	4320	01	LINE ISLANDS	16	44N	169 31W	7	18	18	13	JAN		1 2 34
LEONE		4397	03	TUTUILA	14	21S	170 47W	20	8	8		AUG		1 2 3
FRENCH FRIGATE SHOALS		4401	07		23	52N	166 17W	6	18	18		JAN		1 2 3
LUMA VILLAGE		4424	03	TA'U MANU	14	14S	169 31W	18		7				2
MIDWAY SAND ISLAND		4490	07		28	13N	177 21W	10	22	22		MAY		1 2 3
PAGO PAGO WSO AP	R	4690	03	AMER SAMOA	14	20S	170 43W	12	9	9				1 2 3
SWAINS ISLAND		4822	01	AMER SAMOA	11	03S	171 05W	6	7	7				1 2 3
WESTERN PACIFIC ISL, NORTH OF 12 N														
ANDERSEN AFB GUAM		4025	03	MARIANNA IS	13	35N	144 55E	605	20	20				1 2 3
CLARK AFB LUZON		4100	06	PHILIPPINE I	15	11N	120 33E	475	21	21				1 2 3
#GUAM NAS		4226	03	MARIANNA IS	13	29N	144 48E	250	18	18				1 2 3
GUAM WSO	R	4229	03	MARIANNA IS	13	33N	144 50E	361	18	18	15			1 2 34
MANGILAO		4468	03	GUAM	13	27N	144 49E	60		5				2
ROTA		4800	03	MARIANNA IS	14	08N	145 09E	47		14				2
SAIPAN USCG LORAN		4860	01	MARIANNA IS	15	08N	145 42E	9	16	16				1 2 3
WAKE WSO AP	R	4901	01		19	17N	166 39E	11	27	33				1 2 3
CAROLINE AND MARSHALL ISLANDS														
ANGUAR		4030	02	CAROLINE IS	6	55N	134 09E	15		19				2
ENIWETOK		4165	01	MARSHALL IS.	11	21N	162 21E	13	19	22				1 2 3
FALALOP I, ULITHI		4185	02	CAROLINE IS	10	02N	139 48E	6	14	18				1 2 3
KAPINGAMARANGI ATOLL		4325	02	PONAPE	1	05N	154 48E	7	7	12				1 2 3
KOROR WSO	R	4351	02	CAROLINE IS	7	20N	134 29E	94	25	25				1 2 3
KWAJALEIN WSO AP	R	4375	01	MARSHALL IS	8	44N	167 44E	8	22	22				1 2 3
LELE I. KUSAIE		4395	02	CAROLINE IS	5	20N	163 01E	7	16	16				1 2 3
MAJURO WSO AP	R	4460	02	MARSHALL IS	7	05N	171 23E	10	19	20				1 2 3
METALANIM		4482	02	PONAPE	6	51N	158 19E	30	8	8				1 2 3
MOKIL ATOLL		4490	02	PONAPE DIST.	6	41N	159 47E	10		13				2
NGASANG, BABELTHUAP		4580	01	PALAU ISLAND	7	38N	134 39E	10		15				2
PONAPE WSO	R	4751	02	CAROLINE IS	6	58N	158 13E	123	24	24				1 2 3
SATAWAN ATOLL		4814	02	CAROLINE IS	5	20N	153 44E	9						2
TRUK, MOEN I, WSO AP	R	4851	02	CAROLINE IS	7	28N	151 51E	5	24	25				1 2 3
WOLEAI ATOLL		4911	01	CAROLINE IS	7	23N	143 55E	7	7	7				1 2 3
YAP WSO AP	R	4951	02	CAROLINE IS	9	29N	138 05E	44	26	26				1 2 3

REFERENCE NOTES

Additional information regarding the climates of Hawaii and the Pacific Ocean Area may be obtained by writing to the National Climatic Center, Federal Building, Asheville, N C 28801, or to any National Weather Service Office near you. Additional precipitation data for Hawaii are contained in "HOURLY PRECIPITATION DATA HAWAII "

AVERAGES: Division averages in the annual issue include delayed and corrected data and may differ slightly from values published in monthly issues.

DIMENSIONAL UNITS: Unless otherwise indicated, dimensional units used in this bulletin are: Temperature in °F, precipitation and evaporation in inches, and wind movement in miles.

EVAPORATION is measured in the standard Weather Service-type pan of 4-foot diameter unless otherwise noted below in the Evaporation and Wind table. Max and Min values in the Evaporation and Wind table are monthly averages of daily extremes of temperature of water in pan as recorded during 24 hours ending at time of observation. Wind is the total wind movement in miles over the evaporation pan as determined by a continuous anemometer recorder located 6-8 inches above the pan.

NORMALS for all stations are climatological normals based on the period 1941-1970. "DEP" in Table 4 refers to departures from long-term means based on periods varying from 10 to 29 years which are used in place of normals.

STATION NAMES Hawaii state key numbers are included following station names in the several tables.

LATE REPORTS AND CORRECTIONS will be carried in the June and December issues of Climatological Data.

IN THE DATA TABLES THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \- No record.
- \+ Also on earlier date (dates) or months.
- * Amount included in following measurement.
- A The letter "A" shown following station name, (Table 2 and Station Index): Amounts carried in the monthly "Precipitation" column are for the period from last measurement of a preceding month through the last measurement of the current month. See Daily Precipitation Table of the monthly Climatological Data for the dates of measurement. Measurements made on the first of a month are credited to the last day of the preceding month.
- B Adjusted to a full month.
- E Amount is wholly or partially estimated.
- M One or more days record missing; if average value is entered, less than 10 days record is missing. See monthly Climatological Data for detailed daily record.
- R Amounts from recording gage.
- T Trace, an amount too small to measure.
- V Includes total for previous month. V in annual column means total is for a two-year period.

IN THE STATION INDEX THE SYMBOLS AND LETTERS WHEN USED INDICATE THE FOLLOWING:

- \# Thermometers are generally exposed in a shelter located a few feet above sod covered ground; however, the reference indicates that the thermometers are exposed in a shelter located on the roof of a building.
- ‡ DRAINAGE CODE: KAUAI: 1-NORTHERN 2-SOUTHEASTERN 3-SOUTHWESTERN OAHU: 1-WINDWARD KOOLAU 2-HONOLULU 3-SOUTH-CENTRAL 4-WESTERN 5-NORTH-CENTRAL MOLOKAI: 1-(NO INTRA-ISLAND DIVISIONS) LANAI: 1-(NO INTRA-ISLAND DIVISIONS) MAUI: 1-NORTHEASTERN 2-SOUTHERN 3-CENTRAL 4-WESTERN HAWAII: 1-NORTHERN 2-EASTERN 3-SOUTHERN 4-WESTERN 5-CENTRAL
- C In Special Column of Station Index indicates Recording Rain Gage Station. Hourly precipitation values are processed for special purposes, and are published later in the "Hourly Precipitation Data" bulletin. If daily amounts are published in "Climatological Data" bulletin they are from a separate non-recording gage, except where indicated by reference 'R'. Such amounts may differ from amounts published from the recording gage in the "Hourly Precipitation Data" bulletin.
- S Storage precipitation station. Precipitation measurements, made at irregular intervals, will be published in the December issue.

Years of record as shown in the Station Index are approximate since gaps in the records may not have been considered in arriving at the totals shown.

The four-digit identification numbers in the Index are assigned on an island basis. There will be no duplication of numbers within an island.

The Pacific includes stations in the Trust Territory of the Pacific Islands, Territory of Guam, American Samoa, and other scattered islands and atolls.

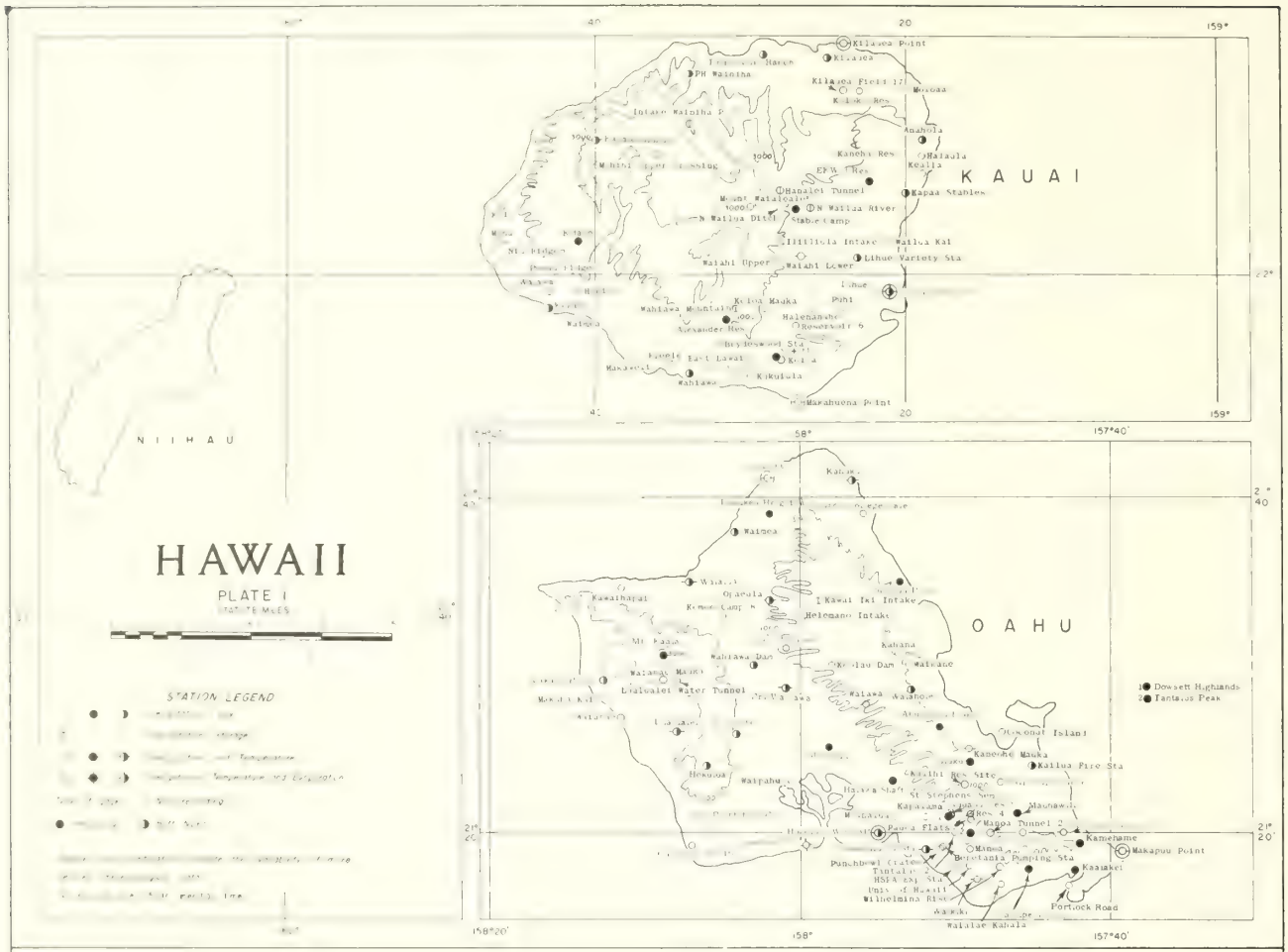
Information concerning the history of changes in locations, elevations, exposure, etc., of substations through 1957 may be found in the publication "Substation History" for this State, price 40 cents. Similar information for regular National Weather Service Offices may be found in the latest annual issue of Local Climatological Data, price 15 cents. These publications may be obtained from the National Climatic Center at the address shown above.

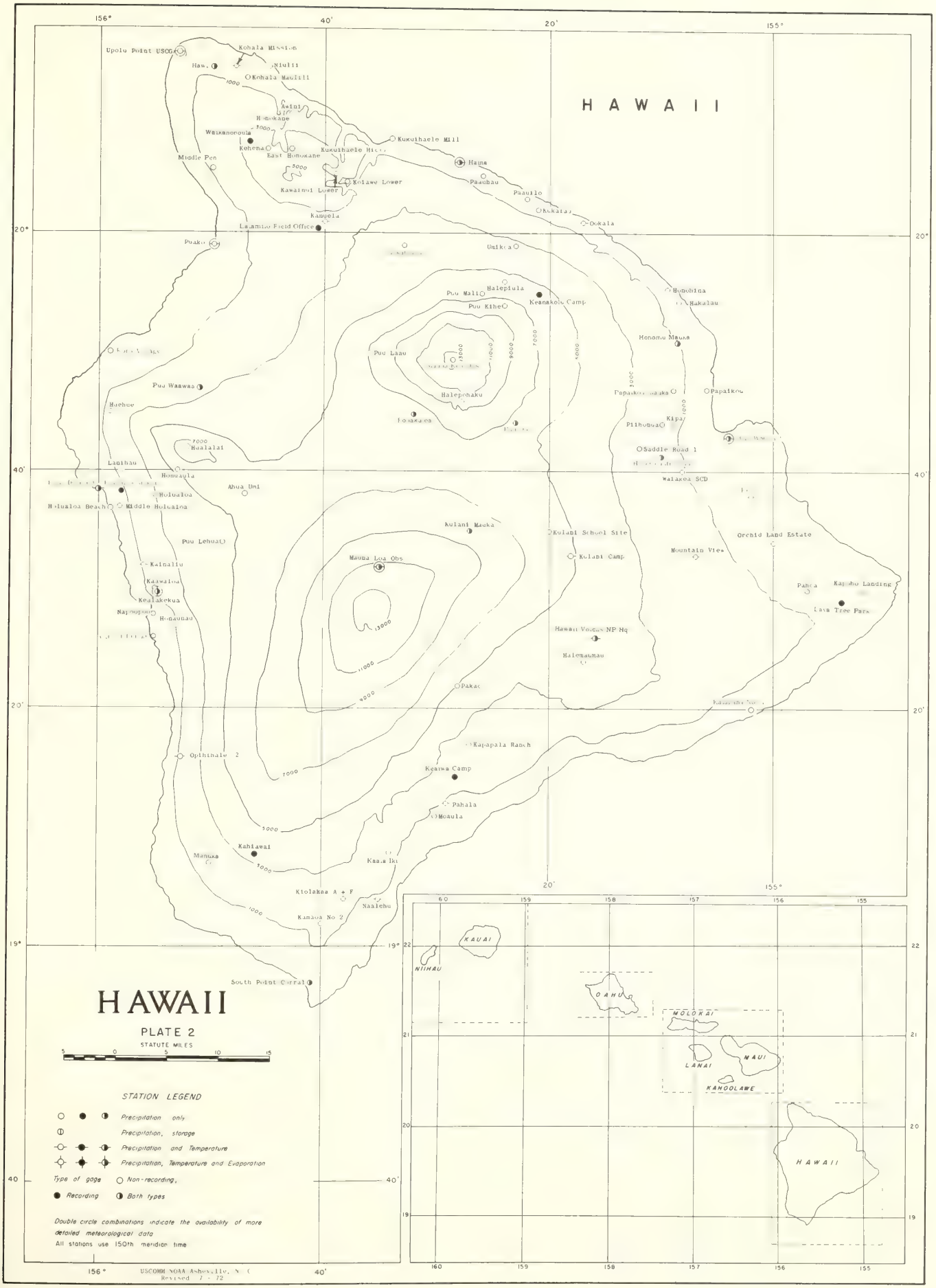
Subscription Price: $4.50 a year for each section including annual summary; $4.70 additional for foreign mailing; 35¢ single copy; 30¢ annual summary. Make checks payable to Department of Commerce, NOAA; send payments and orders to: National Climatic Center, Federal Building, Asheville, N. C. 28801. Attn: Publications.

I certify that this is an official publication of the National Oceanic and Atmospheric Administration, and is compiled from records on file at the National Climatic Center, Asheville, North Carolina 28801.

William H. Hoggard
Director, National Climatic Center

USCOMM-NOAA-ASHEVILLE, N.C. 5/16/75-1100


HAWAII
PLATE I
STATUTE MILES
STATION LEGEND
NIIHAU
KAUAI
OAHU
MOLOKAI
LANAI
KAHOOLAWE
MAUI
Kilauea Point
Kilauea
Kilauea Field 17
Moloaa
Anahola
Kapaa Stables
Lihue Variety Sta
Lihue
Kekaha
Waimea
Kaneohe
Kailua Fire Sta
Honolulu
Waialua
Haleiwa
Kahuku
Laie
Punchbowl Crater
Tantalus
Manoa
Kaimuki
Waialae Kahala
Portlock Road
Makapuu Point
Dowsett Highlands
Tantalus Peak
Kaupo Ranch House
Hana
Kipahulu
Kaupo
Kula
Kihei
Wailuku
Makawao
Puu Paki
Haleakala Summit
Auwahi
Waiopai Res
Twin Gates
Honomanu Gulch
Huelua Cable
Kaupo Ranch
UNCOMM NOAA Asheville, N. C.
Revised 7-72



HAWAII

PLATE 2

STATUTE MILES

5 0 5 10 15

STATION LEGEND

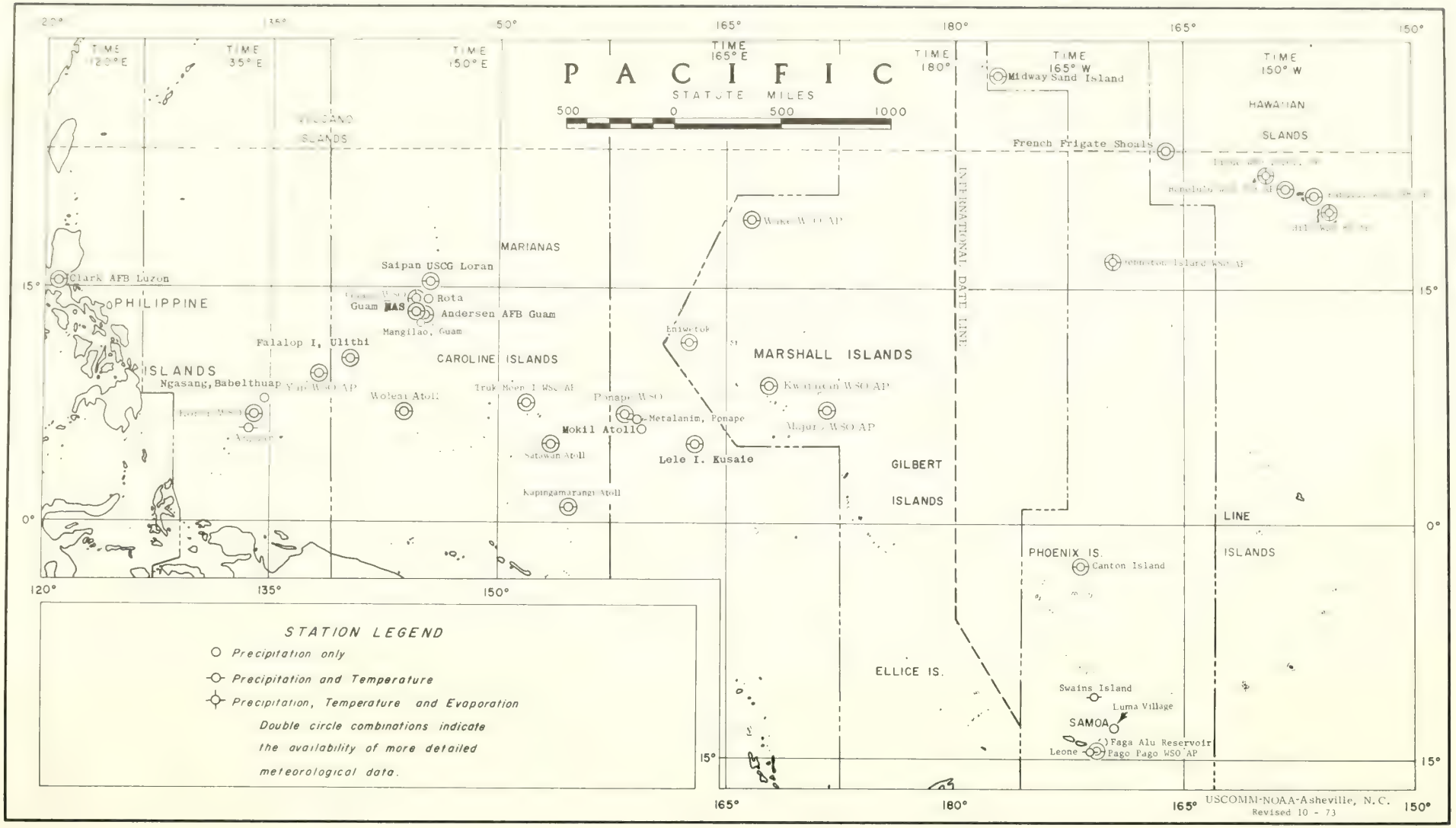
- ○ ● ◑ Precipitation only
- ◫ Precipitation, storage
- ⊙ ⊕ ◑ Precipitation and Temperature
- ⊙ ⊕ ◑ Precipitation, Temperature and Evaporation

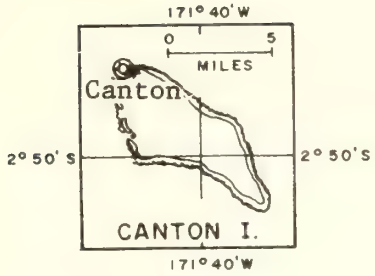
Type of gage ○ Non-recording, ● Recording ◑ Both types

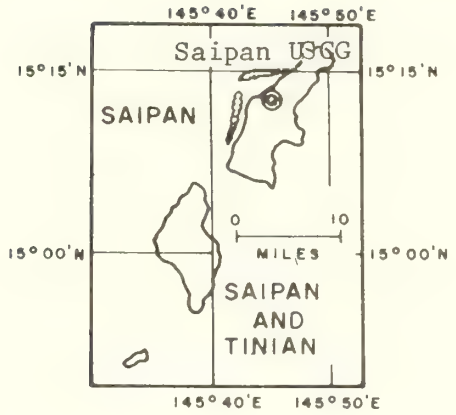
Double circle combinations indicate the availability of more detailed meteorological data

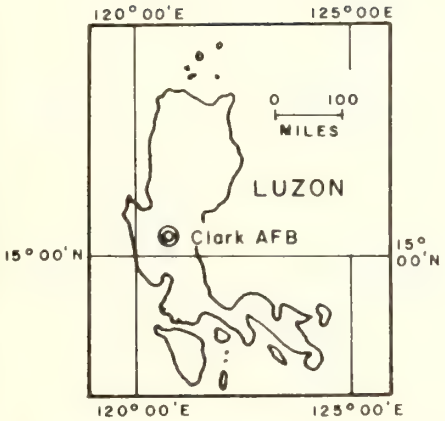
All stations use 150th meridian time

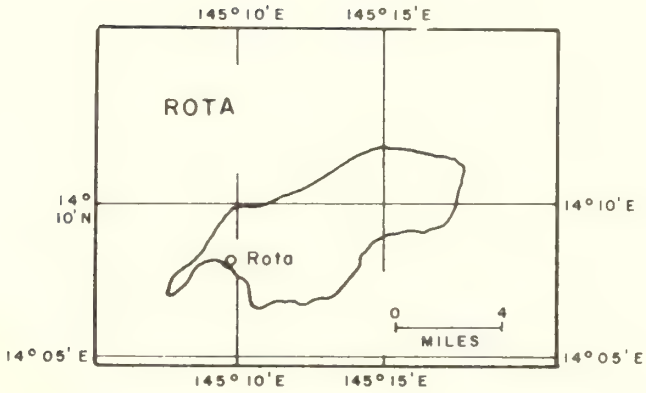
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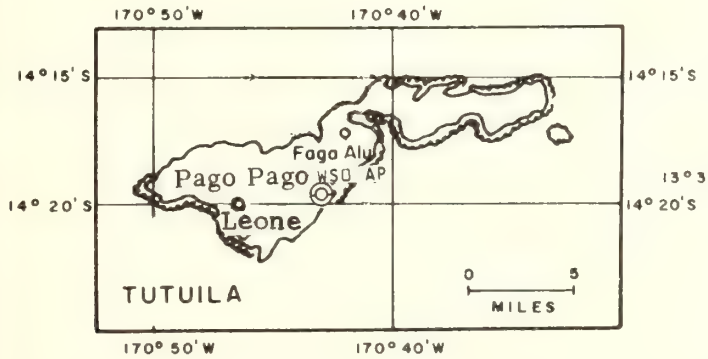

PACIFIC
STATUTE MILES
500 0 500 1000
TIME 120°E
TIME 135°E
TIME 150°E
TIME 165°E
TIME 180°
TIME 165° W
TIME 150° W
VOLCANO ISLANDS
MARIANAS
Saipan USCG Loran
Clark AFB Luzon
PHILIPPINE ISLANDS
Rota
Guam NAS
Andersen AFB Guam
Mangilao, Guam
Falalop I, Ulithi
Ngasang, Babelthuap
CAROLINE ISLANDS
Woleai Atoll
Truk Moen I WSO AP
Ponape WSO
Metalanim, Ponape
Mokil Atoll
Satawan Atoll
Lele I. Kusaie
Kapingamarangi Atoll
Wake WSO AP
Enewetok
MARSHALL ISLANDS
Kwajalein WSO AP
Majuro WSO AP
GILBERT ISLANDS
INTERNATIONAL DATE LINE
Midway Sand Island
French Frigate Shoals
HAWAIIAN ISLANDS
Johnston Island WSO AP
PHOENIX IS.
Canton Island
LINE ISLANDS
ELLICE IS.
Swains Island
Luma Village
SAMOA
Faga Alu Reservoir
Leone
Pago Pago WSO AP
120° 135° 150° 165° 180° 165° 150°
15° 0° 15°
STATION LEGEND
Precipitation only
Precipitation and Temperature
Precipitation, Temperature and Evaporation
Double circle combinations indicate the availability of more detailed meteorological data.
USCOMM-NOAA-Asheville, N.C.
Revised 10 - 73

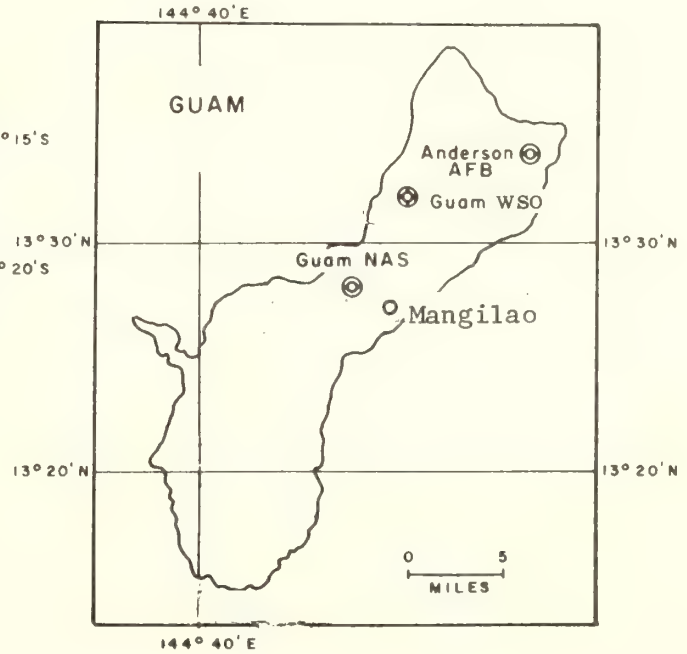

171°40'W
0 5
MILES
Canton
2°50'S
2°50'S
CANTON I.
171°40'W


145°40'E
145°50'E
Saipan USCG
15°15'N
15°15'N
SAIPAN
0 10
MILES
15°00'N
15°00'N
SAIPAN
AND
TINIAN
145°40'E
145°50'E

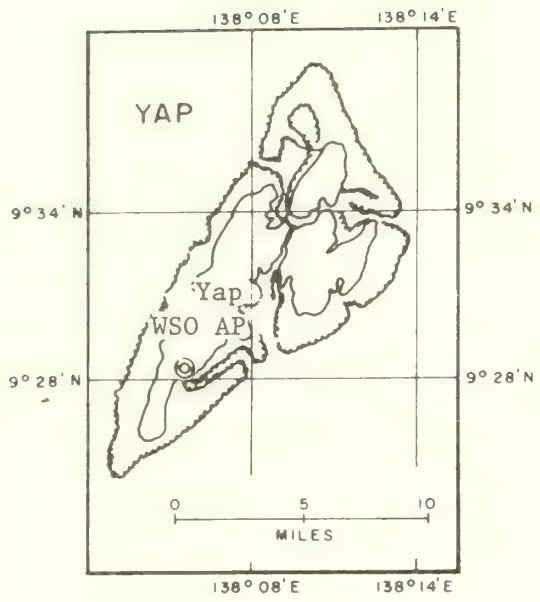

120°00'E
125°00E
0 100
MILES
LUZON
Clark AFB
15°00'N
15°
00'N
120°00'E
125°00'E

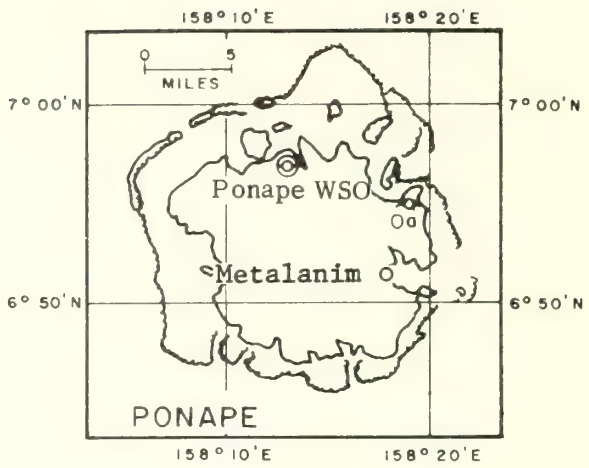

145°10'E
145°15'E
ROTA
14°
10'N
14°10'E
Rota
0 4
MILES
14°05'E
14°05'E
145°10'E
145°15'E

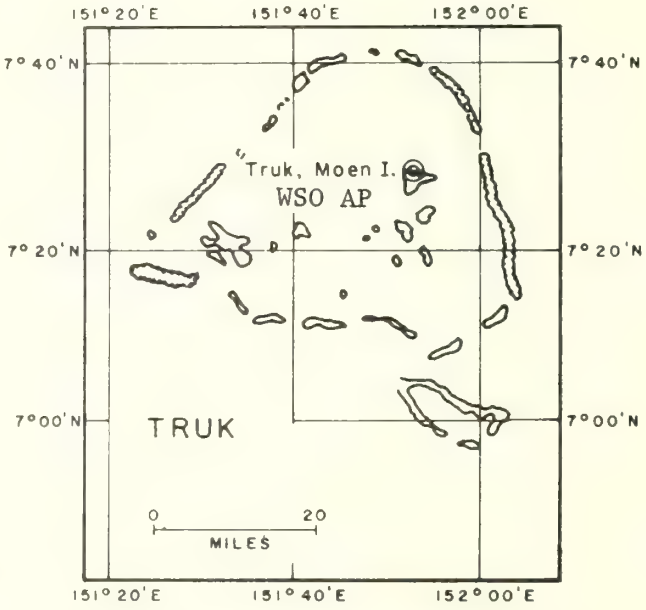

170°50'W
170°40'W
14°15'S
14°15'S
Faga Alu
Pago Pago WSO AP
14°20'S
14°20'S
Leone
TUTUILA
0 5
MILES
170°50'W
170°40'W

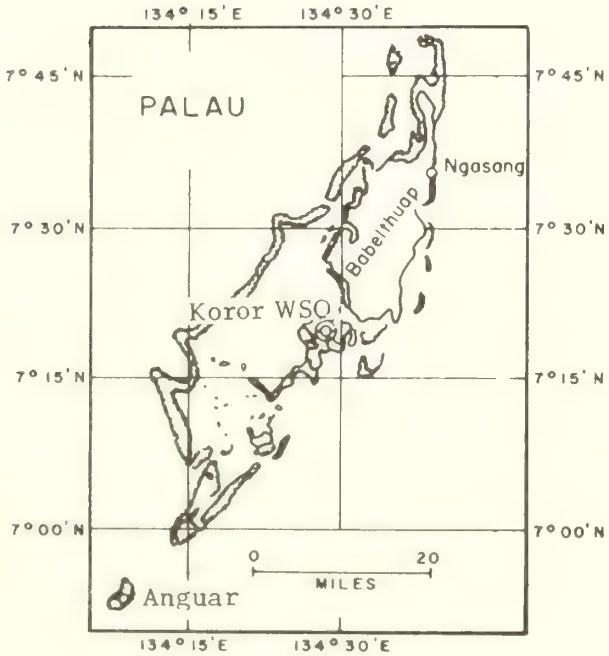

144°40'E
GUAM
Anderson
AFB
Guam WSO
13°30'N
13°30'N
Guam NAS
Mangilao
13°20'N
13°20'N
0 5
MILES
144°40'E

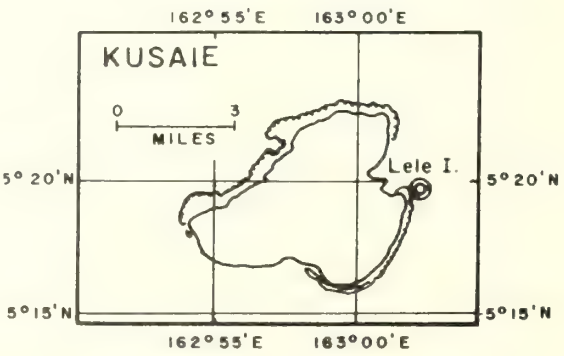
Reef


138° 08' E
138° 14' E
YAP
9° 34' N
9° 28' N
Yap
WSO AP
0
5
10
MILES

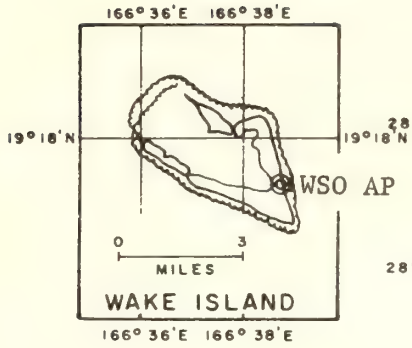

158° 10' E
158° 20' E
0
5
MILES
7° 00' N
6° 50' N
Ponape WSO
Oa
Metalanim
PONAPE

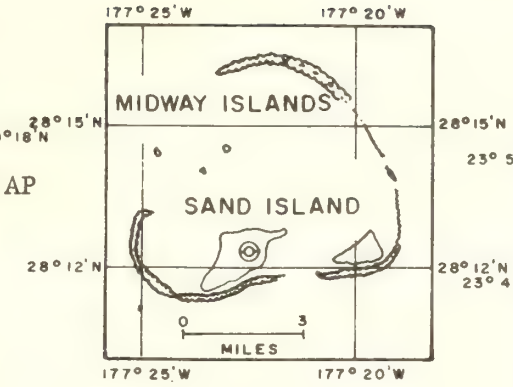

151° 20' E
151° 40' E
152° 00' E
7° 40' N
7° 20' N
7° 00' N
Truk, Moen I.
WSO AP
TRUK
0
20
MILES

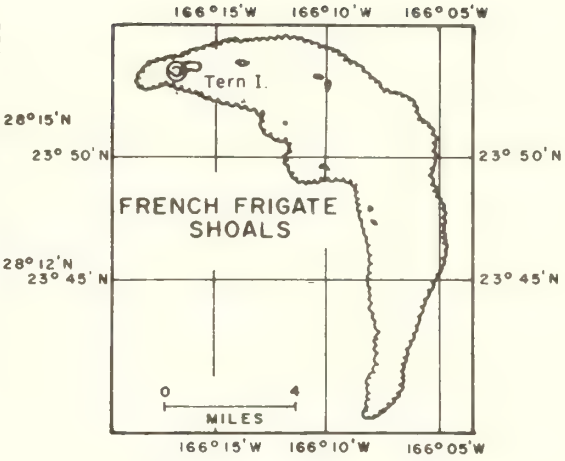

134° 15' E
134° 30' E
7° 45' N
7° 30' N
7° 15' N
7° 00' N
PALAU
Ngasang
Babelthuap
Koror WSO
0
20
MILES
Anguar

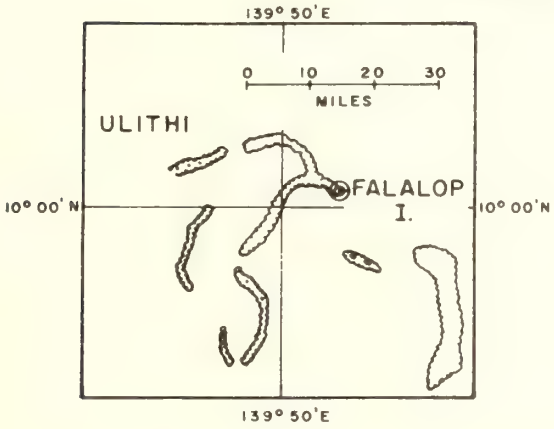

162° 55' E
163° 00' E
KUSAIE
0
3
MILES
5° 20' N
5° 15' N
Lele I.

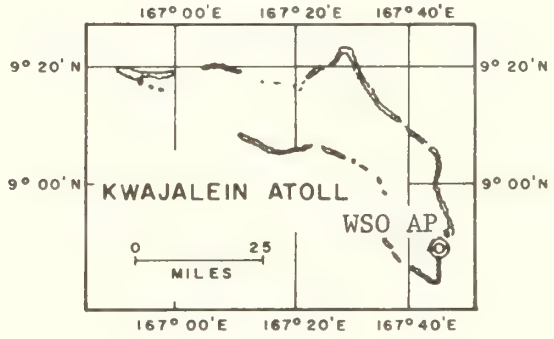
— Reef

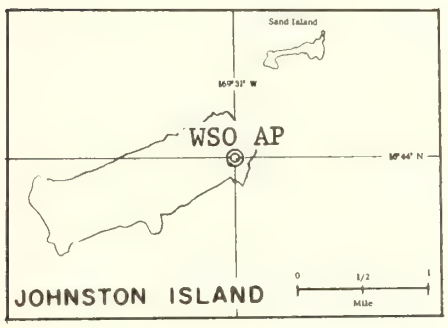

166° 36'E 166° 38'E
19° 18'N
WSO AP
0 3
MILES
WAKE ISLAND

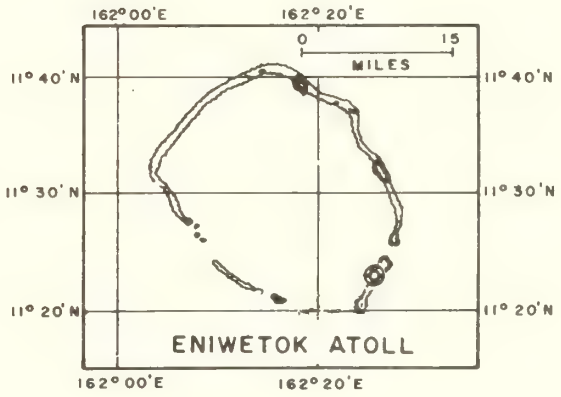

177° 25'W 177° 20'W
MIDWAY ISLANDS
28° 15'N
SAND ISLAND
28° 12'N
0 3
MILES

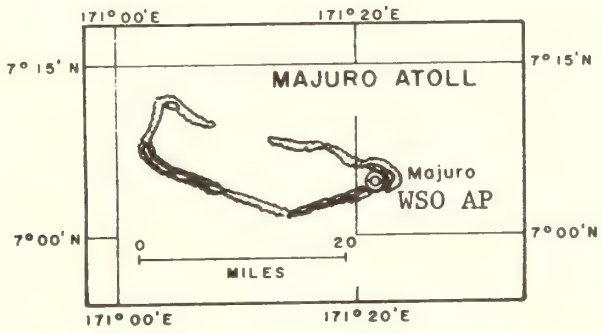

166° 15'W 166° 10'W 166° 05'W
Tern I.
23° 50'N
FRENCH FRIGATE SHOALS
23° 45'N
0 4
MILES


139° 50'E
0 10 20 30
MILES
ULITHI
FALALOP I.
10° 00'N


167° 00'E 167° 20'E 167° 40'E
9° 20'N
9° 00'N
KWAJALEIN ATOLL
WSO AP
0 25
MILES


Sand Island
WSO AP
JOHNSTON ISLAND
0 1/2 1
Mile


162° 00'E 162° 20'E
0 15
MILES
11° 40'N
11° 30'N
11° 20'N
ENIWETOK ATOLL


171° 00'E 171° 20'E
7° 15'N
MAJURO ATOLL
Majuro
WSO AP
7° 00'N
0 20
MILES

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